

A Bibliography of Publications in *International Journal of Computational Geometry and Applications*

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: <http://www.math.utah.edu/~beebe/>

08 September 2016
Version 1.33

Title word cross-reference

- 1 [DE12, LPC00, Ngu12]. 1.5 [GLS10]. 14
[Res14]. 2
[ADM11, BS16, DEG⁺03, Dey97, EMM98,
ELPZ07, For95, ÓWW00, RW11, RR00]. 3
[AAH⁺15, AK99, BHP01, BBCS99, BS16,
CM11, CSY97, CK97b, FM99, HSS05, JJ06,
LWŻ12, RW11, TW06, Zhu04a]. 30 [O'R97a].
31 [O'R97b]. 32 [O'R97c]. 33 [O'R98]. 34
[AO98]. 35 [O'R99b]. 36 [O'R99a]. 37
[DO00]. 38 [O'R00a]. 39 [O'R00b]. 40
[O'R00c]. 41 [O'R01]. 42 [MO01]. 43
[O'R02]. 44 [O'R03]. A [BXHN03]. C^1
[HREK07]. χ [BDH⁺12]. d
[AB09, AK99, BK02, Gav09b]. δ [BDH⁺12].
 E [BDH⁺12]. ϵ [DGRS08]. $\frac{2}{3}$ [WTX02]. K
[BKN⁺11, AKKS14, AGM⁺12, CHU14,
DHT15, ESS11, FN05, FS08, KK10,
MNP⁺00, MRM15, Pap99, Wan15]. L
[BRD09]. L_1 [Wan15]. L_2 [Rab05]. L_∞
[PX15, PL01]. \mathbf{R}^d [MRM15]. O [BS00].
 $O(n \log^* n)$ [Dev92]. $O(n \log n)$ [ADS00]. ω
[BDH⁺12]. $\Omega(n)$ [Dev92]. $\pi/2$ [BDD⁺12]. r
[LWŻ12]. V [San09].
- Angle [BDD⁺12]. -Approximation
[LWŻ12]. -Block [San09]. -Center
[BKN⁺11]. -Centerpoints [MRM15].
-Clustering [KK10]. -Colorability
[AAH⁺15]. -Colored [BS16]. -Complexes
[ÓWW00]. -Connected [CK97b].
-Continuous [HREK07]. -Convex [BS00].
-D [CM11]. -Dimensional
[AB09, AK99, BK02, Gav09b, JJ06].

-Enclosing [MNP⁺00]. **-Extensions** [Ngu12]. **-Flats** [CHU14]. **-Level** [AGM⁺12]. **-Manifolds** [Dey97]. **-Means** [FS08]. **-Modem** [DHT15]. **-Pairs** [Pap99]. **-patches** [BXHN03]. **-Piercing** [AK99]. **-Plane** [DE12]. **-Ranges** [FN05]. **-Sampling** [DGRS08]. **-Searcher** [LPC00]. **-Sets** [ESS11]. **-Space** [CSY97]. **-splines** [BXHN03]. **-Star** [LWZ12]. **-Visibility** [BRD09].

2-Approximate [GSZ11]. **2-Centres** [DK08]. **2-Manifolds** [DMMH11]. **2-Pseudomanifolds** [DMMH11].

3-Coloured [BHLL10].

Abstract [BK14, MMR01]. **Acyclic** [DGL⁺00, Fra08]. **Adaptive** [BD05, EW00]. **Advancing** [HS02]. **Advantages** [AAH⁺11]. **Aggregate** [Wan15]. **Aggregate-MAX** [Wan15]. **Aggregated** [GJS09]. **Algebraic** [CCD06, MS07a, SV01]. **Algorithm** [AL11, ADS00, ACDL02, AFN11, ACM01, BGK⁺09, BL03, BM02, BCHS07, Che10, CER97, DN97, EFKP13, HH12, KYZ14, LSS02, LWZ12, MMNM07, MS07a, NY98, OGB11, Sha01, SI94, TV01, THI99, TMPD97, TW06, WTX02, WDBB09, CL93, TMPD95]. **Algorithms** [Als97, AS01, ACKT01, BD05, BG05, BBL08, CD03, CHL⁺04, CSX05, CFM⁺01, DDCN13, Dey97, EFS09, ECHS11, FG04, For95, JH04a, LSS98, Maf14, MS10, MTT99, MPW05, MS14, RW11, SV15, STÜ07, WCMS04, Wu09, ZP01, Dev92]. **Aligned** [BKN⁺11]. **Almost** [DR02, KK10, WLW01]. **Alternating** [KKY00]. **Amidst** [BL03, CCK⁺06]. **Among** [CW12b, LYW97]. **Analyses** [STÜ07]. **Analysis** [BDIZ03, CWW08, Cho99, FOG00, SOR06]. **Anchored** [DBGV06, FSS⁺97]. **Angle** [BDD⁺12, DE12, Mit97]. **Angles** [CDRR05, FMHT14]. **Angularity**

[DMOW98]. **Anisotropic** [SYI00]. **Anisotropy** [ACFV10]. **Annulus** [Cha02, DBHM⁺03]. **Any** [CM10, VO98]. **Application** [CEK⁺07, DG99, Epp97, MHW00, NS09, TW06, KNA94]. **Applications** [Ata99, BS12, BCHS07, CHW02, CLX03, CHW⁺08, Cho99, DBGV06, DK06, FIS08, IM12, KTT02, NN09, PL01, SPPK08, WCMS04, Wu09]. **Approach** [BMT00, CMO03, CKMK03, KT03, MC91, MS06, MH00, PL04, Pet98, SM06]. **Approaches** [CHL⁺06]. **Approximate** [AMV13, Ber05, BDH⁺04, CJVW12, CSY97, GSZ11, KS11, MS07a, MS10, MST13]. **Approximating** [Cha02, CD03, NN09, VO98, Zhu97, Zhu04a]. **Approximation** [AFN11, ACM01, BXHN03, BGK⁺09, BG05, BCHS07, DDCN13, DK08, EFS09, GRS08, HH08, LWZ12, LR00, MNP⁺00, MHS07, WTX02, WCMS04, ZP01]. **Arbitrarily** [MR03]. **Arbitrary** [AM07]. **Arcs** [GBRT13]. **Area** [BDJ10, BHLM03, BHLL10, CDG⁺09, Fra08, GR03a, HL98, HSKK98, KPS13, MGR09, TWC06]. **Area-Efficient** [GR03a]. **Areas** [AACKM11, KSN99]. **Arithmetic** [Gav09b, JS09]. **Arm** [Kan97b]. **Arrangement** [BEW03, MS07a]. **Arrangements** [GHH⁺98, GM98, HL04, KYZ14, LHHHP03, SS11, dBHOvK97]. **Art** [CJK⁺06, KM11, WK07]. **Assembly** [GM99, GHH⁺98, JMM98]. **Assessment** [San09]. **Assignment** [Mit00]. **Asteroidality** [CWW02]. **Asteroidality/Tubularity** [CWW02]. **Asymptotically** [RS11]. **Attractors** [MF06]. **Attributes** [BDIZ03]. **Author** [Ano97, Ano98, Ano99, Ano00, Ano01, Ano02, Ano03, Ano04, Ano05, Ano06, Ano07, Ano08, Ano09, Ano10, Ano11, Ano12, Ano13a, Ano14, Ano15]. **Automatic** [BBCS99, KT03]. **Aware** [EFKM08]. **Axis**

- [CDKW05, EMM98, GRS08, MGD15, Seg99, SFM07, WIEH05, Zhu97]. **Axis-Parallel** [CDKW05, MGD15, Seg99, Zhu97].
- Balanced** [AGLN03, KK05, KU10]. **Ball** [CLRW10, FG04]. **Ball-Map** [CLRW10]. **Balls** [BG11a, FG04, NN09]. **Bands** [HH08]. **Based** [ADM11, AL01, ACKT01, BBR09, Ber00, CSX05, CW12a, CGJS11, DGRS08, EFKP13, GLL⁺⁹⁹, HH08, HH12, KS05, MF06, MH00, Sch00, Tou05]. **Beltrami** [Xu06]. **Bends** [ECHS11, EC15]. **Best** [BDE02]. **Between** [AS08b, BHP01, Ber05, Bes02, CLR07, CLRW10, Tan02, Wan09, CT97]. **Beyond** [AMV13]. **Bézier** [Rab05, ZWG06]. **Biarc** [HH08]. **Bichromatic** [CGG⁺¹²]. **Bilateral** [MG98]. **Binary** [DK12]. **Bipartitions** [DK99]. **Bisectors** [FR98]. **Bites** [DG98]. **Bitmap** [KC97]. **Black** [BD05]. **Black-Box** [BD05]. **Block** [CHW⁺⁰⁸, San09]. **Blue** [AC01, HSS05]. **Boat** [NS09]. **Boat-Sail** [NS09]. **Bodies** [Sit06]. **BOOLE** [KMG⁺⁰¹]. **Boolean** [KMG⁺⁰¹]. **Bottleneck** [CARB15]. **Bound** [Ata99, BS05, BHLL10, DHT15, KS02, KPS13]. **Boundaries** [DMMH11]. **Boundary** [AAH⁺¹¹, DG99, KU10, KMG⁺⁰¹, NZ06, STYK01]. **Boundary-Optimal** [NZ06]. **Bounded** [BL03, BSX09, CL13, DK08, FOX08, GOG11, LW04, RSS⁺⁰⁵]. **Bounded-Velocity** [DK08]. **Boundedness** [BM12]. **Bounds** [Afs13, AHM⁺⁰⁶, CMO03, CER97, DG16, LOS01]. **Box** [BD05, FM99, ZE02]. **Boxes** [AK99, SU13, Zhu97]. **Branching** [HSKK98]. **Bregman** [AMV13]. **Brep** [Van91, MG98]. **Brep-index** [Van91]. **Bridge** [BG05, Tan02]. **BSP** [SPP08]. **BSPs** [DMS10]. **Buffer** [DG01]. **Butterfly** [KS99].
- CAD** [BBCS99]. **Calculations** [BBR09]. **Cameras** [KM11]. **Cartesian** [LSB04, SOR06]. **Cartograms** [DMS10]. **Cascading** [BFS01]. **Case** [DKS05, TV01]. **Catalog** [ADM11]. **Catalog-Based** [ADM11]. **Cell** [HREK07]. **Cells** [GHH⁺⁹⁸]. **Cellular** [LSB04]. **Center** [BHLM03, BKN⁺¹¹, GKS99]. **Centerpoints** [MRM15]. **Centers** [AKKS14]. **Central** [ADS00]. **Centre** [DK06]. **Centres** [DK08]. **Centroid** [ESS11]. **Chains** [BBB⁺¹⁰, DLMS13]. **Characteristics** [GW04]. **Chessboard** [SPPK08]. **Chief** [Lee03]. **Chimneys** [CDD⁺¹²]. **Choices** [PW01]. **Circle** [BFMFP⁺¹⁴, BE00, Epp97, KKS05, WTX02]. **Circles** [AS01, BCD⁺⁰⁰, HL04, KKS05, SW01]. **Circular** [AAH⁺¹¹, DH13]. **City** [BKC09, GSW08]. **Class** [RS11]. **Classes** [BV05]. **Classification** [AGM⁺¹²]. **Close** [SYI00]. **Closed** [HREK07, SVY16]. **Closest** [Bes03]. **Cloud** [MNG04]. **Clouds** [ULVH10]. **Clustering** [BVL11, BBG⁺¹¹, CSX05, KK10, MMNM07, WCMS04]. **Clusters** [Guh05]. **Collections** [Sit06]. **Collision** [GR03b, KSS02]. **Color** [DGN09]. **Color-Spanning** [DGN09]. **Colorability** [AAH⁺¹⁵]. **Colored** [BS16, DP02]. **Colorings** [AS08a]. **Coloured** [BHLL10]. **Column** [AO98, DO00, MO01, O'R97a, O'R97b, O'R97c, O'R98, O'R99b, O'R99a, O'R00a, O'R00b, O'R00c, O'R01, O'R02, O'R03, O'R04a, O'R04b, O'R06, O'R07]. **Combinations** [KMG⁺⁰¹]. **Combinatorial** [AHO⁺¹⁴, CR01, CER97, FG04, MS06, SZP10]. **Common** [Rab05, SU13, Wan09]. **Commuting** [BBG⁺¹¹]. **Compact** [BBCK05, Kan97a]. **Compass** [KL10a, VR04]. **Compatible** [CLR07, CLRW10]. **Competitive** [GR10]. **Complete** [BMKS00, BG14, Emi98, OGB11]. **Completion** [ZG06]. **Complex** [DGRS08, ELPZ07, GRS08]. **Complexes** [ALS12, CC06, EW00, Maf14, ÓWW00].

Complexity

[BBR09, GR10, GM99, GMV99].

Complicated [RS07]. **Component**[CWW08]. **Compressive** [GIPR12].**Computable** [CCK⁺06]. **Computation**[BFS01, EMM98, FR98, GC97, Hiy08, LS08, Lof11]. **Computational** [AO98, AAH⁺11, DO00, JS09, MO01, O'R97a, O'R97b, O'R97c, O'R98, O'R99b, O'R99a, O'R00a, O'R00b, O'R00c, O'R01, O'R02, O'R03, O'R04a, O'R04b, O'R06, O'R07, Pet98].**Computing**[AKS⁺12, AKKS14, AH11, ABD⁺11, AS08b, AL01, AEK05, BSC99, BSC00, DG13, Bes03, BMT99, BCD⁺00, BL03, BMSS11, BHLM03, CK97a, DMOW98, DR02, Emi98, FSS⁺97, Gav09b, GKK⁺10, GKS99, KG14, Kir07, KS99, KYZ14, MB02, MR03, TV01, WLW01, WNGK⁺12]. **Concepts** [PW01]. **Conceptual** [SOR06]. **Condition** [KU10]. **Configuration** [HLM99]. **Configurations** [BK07]. **Conflict** [AS08a]. **Conflict-Free** [AS08a]. **Conflicting** [SZP10]. **Conforming** [MMG01]. **Congruence** [BK02]. **Conic** [GW04]. **Conjectures** [MRM15].**Connected** [CK97b]. **Connecting**[AC01, BG05]. **Conquer** [PL04].**Consistency** [SOR06]. **Constrained**[DDL⁺10, GOG11, GBRT13, KS99, RSS⁺05, TW06, ZG06, DEG⁺03]. **Constraint** [GBRT13, JTNM06, SM06, SZP10, TW06, ZG06]. **Constraints** [AAMT15, CARB15, CWW02, MS06, VB05, Yan06, DEG⁺03]. **Constructing** [BDGT13, CDWK01, DN97, GSW08, GOG11, THI99]. **Construction** [BKC09, BET99, GSZ11, HDY07, LW04, LHHHP03, Wen02]. **Constructive** [Goo98].**Contact** [FPNZ98, LM97]. **Contain**[BSX09]. **Containing** [EEM11, KS13].**Containment** [BHP01]. **Continuous**[BDBF⁺14, EFS09, HREK07, WIEH05].**Contours** [DG03, HSKK98]. **Contraction**[Goo98]. **Contractions** [AGL09].**Controlled** [HL04]. **Convex**[AH11, AFN11, BRD09, BHLO11, BBC⁺02, BHLM03, BS00, Cha12, CWKC98, CDWK01, CT97, Cho99, CK97b, DKS05, Emi98, GHH⁺98, HS02, HDY07, KS02, KPS13, LR00, MS99, MGR09, MHW00, NY98, RR00, Sha01, TWC06, VO98, Žak10, Zhu97, KNA94].**Convolution** [MS07b]. **Coordinate**[Yan06]. **Coresets** [FS08]. **Corners** [DW02].**Corrigendum** [THI99]. **Cost**[FOG00, WKG10]. **Cost/Benefit** [FOG00].**Counting** [AB09]. **Countries** [SV10].**Counts** [BHLO11]. **Cover**[AACKM11, BS05, BS00, CHW02, DFLON12, EC15, KPS13]. **Coverage** [AMP10]. **Covered** [GHH⁺98]. **Covering** [ACFV10, Col04, Jia15, Kei97, KBA11, LWŻ12, Mit97, Por09]. **Creation** [ESG98]. **Criteria** [AAK⁺06]. **Critical** [DGRS08].**Cross** [EW00]. **Cross-Sections** [EW00].**Crossing**

[CARB15, DE12, KSN99, Pap99, TSN97].

Crossings [KKY00]. **CSG** [MG98]. **Culling**[DP03]. **Curvature**

[BL03, CGJS11, GBRT13, Maf14].

Curvature-Based [CGJS11].**Curvature-Constrained** [GBRT13].**Curve**

[BD05, CGJS11, FR98, HL97, HV91, Sch16].

Curve/Curve [FR98]. **Curved**[AS08b, Sha01]. **Curves** [CD03, DW02, HREK07, HH08, MS07a, SVY16, SV01].**Curvilinear** [APS00]. **Cutting**[DL06, DH13]. **Cycles** [AFK⁺10, Dey97,DL07, KKY00, WNGK⁺12]. **Cylinder**[Cha02, FSS⁺97]. **Cylindrical**[Ber04, Zhu04a]. **Cylindricity** [DP03].**D** [BBCS99, DEG⁺03, ADM11, BS16, CM11, EMM98, ELPZ07, FM99, For95, GLS10, HSS05, RW11, RR00, TW06, Zhu04a].**Dams** [SV10]. **Data**[ACC⁺12, AKKS14, ALS12, CSX05, CW12a, EGS08, FIS08, GJS09, JS09, MTT99, MNG04, Tou05, WCMS04]. **Database**

- [Bar98, JMM98]. **Dataflow** [SPP08]. **DCEL** [Bar98]. **Deceiving** [San09]. **Decision** [AMM⁺98]. **Decompose** [TW06]. **Decomposition** [CR01, FM01, HL98, JTJM06, KS02, SM06, WK07, WDBB09, ZG06, FM97]. **Decompositions** [Sha97a, Sha97b]. **Deficiency** [Sha01]. **Deformation** [CC06]. **Deforming** [Ber04]. **Degree** [AHO⁺14, BSX09, HLW13, LW04, Rab05]. **Delaunay** [ABG⁺09, ACH⁺12, BDG13, BDG14, BSX09, Dev02, DEG⁺03, For95, GOG11, LS08, MPW05, Muc98, MMG01, RW11, STU07]. **Deletion** [AFK⁺10, Dev02]. **Density** [CSX05]. **Density-Based** [CSX05]. **Departure** [San09]. **Dependent** [MJ12]. **Depth** [KMW00]. **Depth-First** [KMW00]. **Derived** [GJS03]. **Descending** [AL11]. **Design** [AAMT15, PW01, SOR06]. **Destroying** [SV10]. **Detect** [Dey97]. **Detecting** [BBG⁺11]. **Detection** [CWW08, GR03b, KSS02, Wu09]. **Determinant** [CKMK03]. **Determination** [LM97]. **Determine** [VB05]. **Determined** [BK07]. **Determining** [Che98, Gav09a]. **Detour** [WNGK⁺12]. **Developments** [SU13]. **Diagram** [BKC09, BS12, BBB⁺10, DG98, DBGV06, ETT08, Gav09b, GSW08, HDY07, KS05, KKS05, NS09, PL01, PL04, PD13, PX15, SPPK08]. **Diagrams** [AAC⁺99, AGMR98, BC06, BK14, GJS03, MMR01, Sug92, SI94, VO98]. **Diameter** [Cha02, MB02, Poo09, Jan93]. **Diameter-4** [Poo09]. **Diameters** [Als97]. **Diamond** [BSX09]. **Diamonds** [BDE02]. **Differential** [CP05]. **difficult** [Dev92]. **Digital** [BBCS99]. **Dilation** [AFK⁺10, CL13, DG16, EBGK⁺07, GKK⁺10]. **Dilation-Bounded** [CL13]. **Dilation-Optimal** [AFK⁺10]. **Dimension** [CWW08, CVY11, VO98]. **Dimensional** [AB09, AK99, BSC00, BK02, CD03, Emi98, Gav09b, JJ06, KS05, Kir07, Muc98]. **Dimensions** [AM07, ALS12, BBCK05, DB92, EEM11, HDY07, IMTI02]. **Directed** [DGL⁺00, Fra08]. **Direction** [JJ10, Ngu12]. **Direction-Length** [JJ10, Ngu12]. **Directional** [CvO01, FOX08]. **Directions** [BNS10, VR04]. **Disc** [CCK⁺06]. **Disconnected** [BK14]. **Discrete** [AKS⁺12, BDIZ03, BBB⁺10, DFLON12, DDCN13, EFS09, WKG10, WCLS07, Wu09, Xu06]. **Discs** [AS08a, CWKC98]. **Disjoint** [KBA11]. **Disk** [BDJ10, DG13, BHLL10, DFLON12, KS13]. **Disk-Shaped** [DG13]. **Disks** [AFN11, BDP08, BVL11, CDG⁺09, CDJ⁺15, DDCN13]. **Dispersion** [BGK⁺09]. **Dissections** [Zak10]. **Distance** [AKS⁺12, AS08b, BHP01, BBB⁺10, BKST00, DGRS08, KS11, Maf14, MJ12, Yan06]. **Distances** [BK07, Cha01]. **Distant** [AEK05]. **Distributed** [LSS98]. **Distribution** [BK07]. **Distributions** [MTT99]. **Divide** [PL04]. **Division** [HL98]. **Dog** [DG98]. **Domain** [MS99]. **Dominance** [GJSD97]. **Dominating** [CDJ⁺15]. **Doo** [WQS05]. **Door** [KZ10, LPC00]. **Double** [BFMFP⁺14, GKS99]. **Double-Ray** [GKS99]. **Doubly** [DMMH11]. **Drawing** [BMT00, BGT99, DE12, DGL⁺00]. **Drawings** [CK97b, Fra08, GR03a, HLW13, MHN06, Sud04]. **Duality** [ABR14]. **Dynamic** [BG14, Cha12, DBGV06, EGS08, FIS08, LM97]. **Dynamically** [GM98]. **Dynamization** [CT92]. **Easy** [DR02]. **Eccentricity** [DK06]. **Edge** [AFK⁺10, AGL09, BHLO11, CARB15, Che98, GHN⁺03, HS02, SM00, Tan99]. **Edge-Crossing** [CARB15]. **Editor** [Bar13, CL09, DBKU14, For97, Lee03, Mit04, Zhu04b, Aga99, Asa09, Bar05, Efr08, Fle06, Her01, Kim09, KS07, Rok09, Sug03, Tam03, Ten00, Tok02, Zha07, dBs02]. **Editors'** [CÜ05, AV14, AF98, AC08, AMS97, ANO13b, aKMCHL13, CO12, GM06, Gav05,

- HN11, HV12, LM98, MR05, SK08]. **Efficiency** [FOG00]. **Efficient** [ACKT01, AM07, ALS12, CD03, Dey97, GR03a, GJS09, KNA94, KC97, LW04, LM97, LR00, VB05, WCMS04, Wu09, WDBB09, ZP01]. **Element** [MHW00]. **Elements** [DNW⁺09]. **Eliminating** [HV91]. **Ellipses** [ETT08]. **Ellipsoids** [SYI00]. **Embeddability** [BV13, DDL⁺10]. **Embedded** [ADF13, CP05]. **Embedding** [ADF13, BFMFP⁺14, DL07, EBGK⁺07]. **Embeddings** [KK05]. **Empty** [DBHM⁺03, FSS⁺97, KS13, MR03]. **Enclosed** [MGD15]. **Enclosing** [BMSS11, Cha02, FG04, MNP⁺00, NN09]. **Enclosure** [GJSD97]. **Energy** [EFKM08]. **Energy-Aware** [EFKM08]. **Engineering** [FPNZ98, TV01]. **Enumerating** [Cha01, CR01, IMTI02]. **enumeration** [KNA94]. **Envelopes** [CNTV10]. **Environment** [ABC⁺15, Bar98, CL93]. **Environments** [DEH⁺05, LM97]. **Equilateral** [ADD⁺13]. **Equivalence** [APS00]. **Equivalent** [ÓWW00]. **Errata** [EC15, Sha97a]. **Error** [CMO03, KL10a]. **Error-Prone** [KL10a]. **Estimating** [CFL15, MNG04, RW11]. **Estimation** [MNP⁺00]. **Euclidean** [BC06, CSY97, DN97, DK08, EFS09, ETT08, Gav09b, KKS05]. **Evaluation** [FPNZ98, KMG⁺01, WQS05]. **Evaluations** [DP03]. **Evasion** [ABC⁺15, GLL⁺99]. **Even** [BDH⁺04]. **Every** [DE12]. **Exact** [AL11, AS01, BG05, BFS01, DD00, ETT08, RR00]. **Existence** [Löf11]. **Expansive** [HLM99]. **Expected** [ELPZ07]. **Experimental** [DGL⁺00, LHHHP03]. **Explicit** [Gav09b]. **Extending** [DMMH11]. **Extensions** [Ngu12]. **Exterior** [BRD09]. **External** [CFM⁺01, Nek13]. **External-Memory** [CFM⁺01]. **Externally** [BMT99]. **Extra** [BM02]. **Extract** [GW04]. **Extracting** [DG03]. **Extraction** [HREK07]. **Extraneous** [HV91]. **Extreme** [Guh05]. **Face** [AHO⁺14, BHLO11, DMMH11]. **Faces** [Res14]. **Facets** [CR01]. **Facility** [BMKS00, BKST00, DK06]. **Factor** [WTX02, WNGK⁺12]. **Factor-** [WTX02]. **Families** [Fra08]. **Far** [AAMT15]. **Far-Field** [AAMT15]. **Faraway** [LS08]. **Farthest** [BD05, PD13]. **Fast** [DN97, DW02, FS08, HH12, MMNM07, Nek13, TW06, ZE02]. **Faster** [Epp97, GSW08]. **Feature** [CCD06, JH04b, RW11]. **Features** [GIPR12, JMM98]. **Fidelity** [Mit00]. **Field** [AAMT15]. **Finding** [ADS00, AM07, BD05, BDGW10, BG05, CWKC98, CM10, EEM11, FMR05, KZ10, KS13, LYW97, LLCC11, Mit97, Tan02]. **Finite** [CFL15, MHW00]. **Finite-Element** [MHW00]. **First** [KMW00]. **Fitting** [AAK⁺06, CW12a, Da 11, ULVH10]. **Fixed** [BBL08, CVY11]. **Flashlight** [LSS02]. **Flats** [CHU14, Da 11]. **Flexible** [Sch16]. **Flipping** [GHN⁺03]. **Flips** [AHO⁺14]. **Floating** [Gav09b, JS09]. **Floating-Point** [Gav09b, JS09]. **Flooding** [NZ06, SV10]. **Floodlight** [BGL⁺97]. **Floodlights** [AECSU98, BDBF⁺14]. **Flow** [DGRS08, GJS03, GRS08, MH00]. **Flow-Complex-Based** [DGRS08]. **Folding** [ADD⁺13, BDGT13, FOX08]. **Forests** [KK05]. **Foreword** [Aga99, AV14, AF98, AC08, AMS97, Asa09, ANO13b, Bar05, Bar13, aKMCHL13, CL09, CO12, CÜ05, DBKU14, Efr08, Fle06, For97, GM06, Gav05, Her01, HN11, HV12, Kim09, KS07, LM98, MR05, Mit04, Rok09, Sug03, SK08, Tam03, Ten00, Tok02, Tok10, Zha07, Zhu04b, dBS02]. **Form** [APS00, CM11, HREK07, MG98]. **Formed** [Sha99, Sit06]. **Four** [AHO⁺14]. **FPT** [ECHS11, EC15]. **FPT-Algorithms** [ECHS11]. **FPTAS** [Kir07]. **Frames** [MS03]. **Frameworks** [JJ10, Ngu12, OP10]. **Fréchet** [AKS⁺12, BBB⁺10, Sch16, SVY16]. **Free** [ACCS04, AS08a, CM11, HREK07, MG98].

- Free-Form** [CM11, HREK07, MG98].
Friend [BDE02]. **Function** [CW12a, JJ06].
Functions [BKST00]. **Furthest** [MMR01].
- Gabriel** [KG14]. **Galleries**
[CJK⁺06, KM11]. **Gallery** [WK07].
General [BCHS07, Emi98, IMTI02].
Generalization [Zer12]. **Generalized**
[CHL⁺06, HH12, LOS01, WKG10, Wen02].
Generalizing [BV05]. **Generation**
[MTT99, Sch00, TW00]. **Generic**
[JJ10, Ngu12]. **Geodesic** [AHK⁺14, BVL11].
Geodesic-Preserving [AHK⁺14].
Geoexploration [PW01]. **Geometric**
[APS00, AMM⁺98, AHM⁺06, AGR16,
BGK⁺09, BFS01, CLLP09, CS06, CDK01,
CHL⁺04, CSX05, CHL⁺06, Che10, CFM⁺01,
FOX08, GKK⁺10, GW04, Guh05, GJS09,
GIPR12, JTNM06, KL10b, KTT02, LSS98,
MST13, MTT99, MJ12, Pet98, SOR06,
Sha97a, Sha97b, SZP10, TV01, Tou05,
TW06, ULVH10, VB05, XYZK10, ZG06].
Geometrical [SM06]. **Geometry**
[AO98, CP05, DO00, ESG98, Goo98, JS09,
MO01, O'R97a, O'R97b, O'R97c, O'R98,
O'R99b, O'R99a, O'R00a, O'R00b, O'R00c,
O'R01, O'R02, O'R03, O'R04a, O'R04b,
O'R06, O'R07, WCLS07, Wu09]. **Geosheet**
[LSS98]. **Ghost** [CDD⁺12]. **Global**
[JJ10, Maf14, Ngu12, Yan06]. **Good**
[DB92, VR04]. **GPDOF** [TW06]. **Graph**
[ACC⁺12, ABG⁺09, BMT00, BGT99, DE12,
ÓWW00, Roy16]. **Graphics** [HHMK14].
Graphs
[ADD⁺13, ABG⁺09, ADF13, ABR14,
BDJ10, BV13, BEW03, BS00, CK97b,
DGL⁺00, DL07, EBGK⁺07, FM99, Fra08,
DDL⁺10, GKK⁺10, HH12, KL10b, KG14,
MHN06, SM00, Tou05, BDD⁺12, BDH⁺12].
Greedy [GSZ11]. **Grid** [BFMFP⁺14,
CK97b, DIL10, EvKSS15, KNA94]. **Grids**
[EW00]. **Group** [SM06]. **Growing** [CM10].
guarantee [FMR05]. **Guaranteed**
[CMO03]. **Guard** [BRD09, THL98].
- Guarding**
[BNS10, CJK⁺06, DKK09, KM11]. **Guards**
[AMP10, PLC02, Tan99]. **Guest**
[Zhu04b, Aga99, AV14, AF98, AC08, AMS97,
Asa09, ANO13b, Bar05, aKMCHL13, CO12,
CÜ05, Efr08, Fle06, GM06, Gav05, Her01,
HN11, HV12, Kim09, KS07, LM98, MR05,
Rok09, Sug03, SK08, Tam03, Ten00, Tok02,
Zha07, dBS02]. **Guided** [DNW⁺09].
- Half** [Vig12]. **Half-Planes** [Vig12].
Hamilton [KKY00]. **Hamiltonian** [Nar99].
Hard [BHP01, BG11a, BZ14, BDH⁺04,
GKK⁺10, Roy16]. **Hardness**
[KG14, MHS07]. **Harm** [BMKS00].
- Hausdorff**
[AS08b, BHP01, KS11, PL04, PX15]. **Heavy**
[AHP08]. **Hexahedral** [Sch00]. **Hidden**
[GMV99]. **Hidden-Surface** [GMV99].
Hierarchical [AM07]. **Hierarchy** [Ber04].
High [ALS12, HLW13, Mit00, MH00].
High-Degree [HLW13]. **Higher** [ABG⁺09].
Hinged [CVG⁺07]. **Histogram** [FM97].
Holes [SM00]. **Homeomorphic** [ACDL02].
Homeomorphism [CLRW10, ÓWW00].
Homologous [Dey97]. **Homology** [CFL15].
Homothetic [AK99]. **Homotopic**
[CJVW12]. **Homotopy** [SFM07].
Homotopy-Preserving [SFM07].
Horizons [AEK05]. **Hull**
[ACCS04, CWKC98, KPS13, NY98]. **Hulls**
[Cha12, Emi98, Pet98, RR00]. **Hybrid**
[CKMK03]. **Hypercube** [Ata99].
Hypersphere [BM12].
- I/O** [Afs13]. **Identification** [CCD06].
Identifying [BBR09]. **if** [DR02]. **II** [JH04b].
III [BBR09]. **III-Posed** [BBR09].
- Illumination**
[AECSU98, DHT15, EFKM08]. **Image**
[ACKT01, CWW02, WCLS07].
Immobilizing [CVG⁺07, CSU99].
Implementation
[AM07, Emi98, FS08, MMNM07, Müc98].

- Implicit** [ESG98]. **Impossibilities** [BHMW11]. **Inprecise** [AKS⁺12, GLS10, Löf11]. **Improved** [Afs13, Ata99, BM02, EvKSS15, GC97, Goo98]. **Improvement** [FOG00]. **Improving** [ACH⁺12, Tou05]. **Inaccurate** [CK97a]. **Incidence** [MS06]. **Icidences** [Sit06]. **Incongruent** [SU13]. **Incremental** [SI94, THI99]. **Independent** [BDJ10]. **Index** [Ano97, Ano98, Ano99, Ano00, Ano01, Ano02, Ano03, Ano04, Ano05, Ano06, Ano07, Ano08, Ano09, Ano10, Ano11, Ano12, Ano13a, Ano14, Ano15, Van91]. **Indicators** [Ber00]. **Inducing** [SS11]. **Inequality** [AMV13]. **Infimaximal** [MS03]. **Inflating** [BG11a]. **Information** [CK97a, DDE⁺07, Wis00]. **Inner** [MHN06]. **Input** [AKS⁺12]. **Inscribed** [Gav09a]. **Instance** [Tou05]. **Instance-Based** [Tou05]. **Instances** [BBR09]. **Integer** [DD00, KNA94]. **Intended** [VB05]. **Intensity** [CHW⁺08, WDBB09]. **Intensity-Modulated** [CHW⁺08, WDBB09]. **Interconnection** [LYW97]. **Interior** [Bin02]. **Interpolation** [Hiy08]. **Intersecting** [HS02, MGR09]. **Intersection** [BDJ10, BDGT13, CFM⁺01, DG99, GJS09, MC91]. **Intersections** [CGG⁺12, ZE02]. **Interval** [MF06, Mit00]. **Interval-Based** [MF06]. **Intervisibility** [MVV07]. **Invariant** [KS11, LD15]. **Invariants** [GW04]. **Inverse** [ZWG06]. **Involving** [BM12]. **Irregularities** [Guh05]. **ISODATA** [MMNM07]. **Isomorphic** [KU99]. **Isomorphism** [ÓWW00]. **Isosceles** [BMSS11]. **Isothetic** [MGR09]. **Iteration** [BM12]. **Joint** [Guh05]. **Kinematics** [ZWG06]. **Kinetic** [KSS02]. **Kinodynamic** [RS11]. **Kleitman** [Zer12]. **Krieger** [Zer12]. **Label** [Gav09a, KT03, ZP01]. **Labeling** [BG14, CLL05, DMM02, KSY⁺01, KNN⁺02, SW01, WTX02, ZP01]. **Labels** [KSY⁺01]. **Laplace** [Xu06]. **Largest** [BCD⁺00, DBHM⁺03, FSS⁺97, KS13, MR03]. **Lattice** [Lab08, Poo09]. **Layer** [LYW97]. **Layered** [FM01, Sud04, WCLS07]. **Layout** [EvKSS15]. **Leaf** [CHL⁺04, CHL⁺06]. **Leapfrog** [ABC⁺15]. **Learning** [NN09, Tou05]. **Leaving** [KL10a]. **Lebesgue** [BS05]. **Lemmas** [AGR16]. **Length** [JJ10, Ngu12]. **Level** [AGM⁺12, FN05]. **Like** [BS12, MS03]. **Line** [BS12, BMT99, CLL05, CW12b, CFM⁺01, DK99, GR10, GR03a, KMW00, LHHHP03, MGR09, PD13, SS11, WLW01, Wis00, CL93]. **Line-Segment** [PD13]. **Linear** [AGM⁺12, LWŻ12]. **Linear-Time** [LWŻ12]. **Lines** [CDKW05, DL06, LHHHP03, MS03]. **Link** [ADS00, CT97]. **Linked** [DMMH11]. **List** [DMMH11]. **Lists** [DG99]. **Lithographic** [SPPK08]. **Local** [GIPR12, RW11]. **Locally** [KG14]. **Locating** [AMP10, AFN11, CW12b]. **Location** [BMKS00, BKST00, DG98, DK06, IM12, CT92]. **Locations** [KZ10]. **Logarithmic** [KS99]. **Look** [MS03]. **Low** [LW04]. **Lower** [Afs13, AHM⁺06, BS05, BHLL10, DG16, KPS13, LOS01]. **Luggage** [AHP08]. **Machine** [Afs13, NN09]. **Machining** [WIEH05]. **Maintaining** [DDE⁺07, Jan93]. **Maintenance** [Sha97a, Sha97b]. **Make** [KZ10]. **Making** [MS03]. **Manhattan** [GSZ11]. **Manifolds** [CLR07, Dey97, DMMH11]. **Manipulation** [MST13]. **Manufacturing** [FM01]. **Many** [CM10]. **Map** [CLR07, CLRW10, EvKSS15, KSY⁺01]. **Mapping** [RS07]. **Mappings** [CMO03]. **Maps** [BCHS07, BS16, SV15]. **Marginal** [DLOP06]. **Maskless** [SPPK08]. **Matability** [BS08]. **Matching**

- [AAR97, CARB15, CHW⁺08, EvKSS15, JH04b, Sch16]. **Matrices** [CKMK03]. **Matrix** [WDBB09]. **Matroid** [JJ06]. **MAX** [Wan15]. **Maximal** [AFN11]. **Maximally** [GHH⁺98]. **Maximize** [MGD15]. **Maximizing** [BRD09, CDG⁺09, DKS05]. **Maximum** [BDJ10, Gav09a, Mit97, WNGK⁺12]. **Maze** [KL10a]. **Meaningful** [DG03]. **Means** [FS08, HH08]. **Measure** [Wil15]. **Measured** [FOG00]. **Measures** [GM99]. **Mechanical** [FPNZ98, JMM98]. **Medial** [EMM98, GRS08, SFM07]. **Medical** [WCLS07]. **Melzak** [Wen02]. **Memory** [CFM⁺01, Nek13]. **Mesh** [AGL09, Ber00, CMO03, FOG00, Sch00, TW00]. **Meshes** [AM07, Ber00, BBCK05, JH04a, JH04b, MHW00, RSS⁺05]. **Meshing** [BE00, CDRR05, MH00, SBBC00]. **Method** [BMT00, CCD06, Goo98, San09, VB05, CT92]. **Methods** [ESG98, FPNZ98, LHHHP03, Tou05]. **Metric** [ACC⁺12, AHP08, ETT08, SPPK08, Wil15]. **Milling** [ACM01]. **Min** [AAK⁺06, BHP01]. **Min-Hausdorff-Distance** [BHP01]. **Min-Sum** [AAK⁺06]. **Minimal** [BMKS00, DEG⁺03, GC97, GBRT13]. **Minimization** [HSKK98]. **Minimizing** [AACM11]. **Minimum** [AGLN03, BFMFP⁺14, BBL08, BDE02, CDJ⁺15, Cha02, CL13, CT97, Col04, ECHS11, EC15, Fra08, GKK⁺10, GSZ11, Jia15, KKY00, MS99, MGR09, TWC06, WLW01]. **Minimum-Bends** [ECHS11]. **Minimum-Dilation** [GKK⁺10]. **Minimum-Width** [Cha02]. **Mining** [Tou05]. **Minkowski** [BBR09, LLCC11, MS07b, MS10]. **Mixed** [RS99]. **Mobile** [DK06, DK08, GR10]. **Model** [GMV99, LYW97]. **Modeling** [MG98, SPP08, TW06]. **Modelling** [SOR06]. **Models** [AMM⁺98, BBCS99, Goo98]. **Modem** [DHT15]. **Moderate** [BL03, CKMK03]. **Moderate-Sized** [CKMK03]. **Modular** [RS11]. **Modulated** [CHW⁺08, WDBB09]. **Molecular** [ZWG06]. **Monochromatic** [DP02]. **Monotone** [AC01, EW00]. **Monotonic** [MS07b]. **Monotonicity** [BV05]. **Morphing** [Ber05, Bes02]. **Morphological** [WR07]. **Most** [AHO⁺14]. **Motion** [CDG⁺09, Cho99, GR10, HL97, KS10, RS11]. **Motorcycle** [HH12]. **Mountain** [CHW⁺08]. **Moving** [AGMR98, BDIZ03, DG98, DDE⁺07]. **Multi** [AACM11, FN05, FOX08, GR03b, SM06, WIEH05]. **Multi-Axis** [WIEH05]. **Multi-Directional** [FOX08]. **Multi-Group** [SM06]. **Multi-Level** [FN05]. **Multi-Particle** [GR03b]. **Multidimensional** [CFL15, EGS08, KS10, Van91]. **Multiple** [ACM01, HL98, HLM⁺14]. **Multiple-Robot** [HL98]. **Multiple-Tool** [ACM01]. **Multisearching** [Ata99]. **Mutual** [ABR14]. **n** [HDY07]. **Natural** [Hiy08]. **navigating** [CL93]. **Navigation** [ACFV10]. **NC** [WIEH05]. **NC-Machining** [WIEH05]. **Near** [AMV13]. **Nearest** [BD05, CVY11, KS11, Tou05, Wan15]. **Nearly** [BNS10]. **Nearly-Opposite** [BNS10]. **Necklace** [SV15]. **Necklaces** [Ber04]. **Neighbor** [AM07, CVY11, Hiy08, KS11, Tou05, Wan15]. **Neighborhoods** [EFS09]. **Neighbors** [AMV13]. **Net** [WCLS07]. **Network** [BC06, MH00]. **Networks** [CLLP09, GSZ11]. **News** [VR04]. **Nice** [AH11]. **Noisy** [ACC⁺12, MNG04, ULVH10]. **Non** [GJS09, Kei97, MTT99, Pap99, SOR06, TSN97, WQS05]. **Non-Cartesian** [SOR06]. **Non-Crossing** [Pap99, TSN97]. **Non-Intersection** [GJS09]. **Non-Piercing** [Kei97]. **Non-Uniform** [MTT99, WQS05]. **Nonintersecting** [AC01]. **Nonobtuse**

- [Epp97]. **Nonparametric** [DLMS13].
Nonpositive [Maf14]. **Nonrectangular** [AB09]. **Nonsmooth** [Cho99]. **Normal** [CLR07]. **Normal-Compatible** [CLR07].
Normal-Map [CLR07]. **Normals** [MNG04].
Normed [WNGK⁺12]. **Note** [FMHT14].
Notice [Lee03]. **NP**
[BG11a, BZ14, GKK⁺10, Roy16]. **NP-Hard**
[BG11a, BZ14, GKK⁺10, Roy16]. **Null**
[Dey97]. **Null-Homologous** [Dey97].
Number [Col04, EC15, FMHT14, KKY00, KU99, MGD15, MS99, dBHOvK97].
Numerical [For95]. **NURBS** [BXHN03].
- O** [Afs13]. **Object** [DGN09, GMV99].
Objects [AS08b, APS00, AGR16, BSC00, CW12b, NY98, PL04]. **Obnoxious** [BMKS00, CW12b]. **Obstacle** [CT97].
Obstacles
[AC01, BL03, CCK⁺06, KSN99, LYW97].
Obtuse [FMHT14]. **Octilinear** [MHS07].
Octree [Sch00]. **Octree-Based** [Sch00].
On-Line [GR10, LHHHP03, CL93]. **One** [LPC00]. **Onion** [BS12]. **Online**
[BBC⁺02, KS10, Jan93]. **Onto** [RS07].
Operations [HV91, JJ10]. **Operator**
[Xu06]. **Operators** [SBBC00]. **Opposite**
[BNS10, GBRT13]. **Optimal**
[AFK⁺10, AAF10, BKC09, BD05, BKST00, Bes02, BG05, CHW02, CM10, CT97, DMS10, DK12, DK99, GC97, HDY07, KG14, KK10, NZ06, RR00, RS11, SV01, Tan02, Wu09, WDBB09, Xu06]. **Optimal-Ratio** [Wu09]. **Optimality** [IM12]. **Optimization** [ACKT01, CS06, GR03b, KTT02, LD15].
Optimization-Based [ACKT01]. **Oracle** [EFKP13]. **Oracle-Based** [EFKP13].
Order [ABG⁺09, GR03a].
Order-Preserving [GR03a]. **Ordered** [GR03a]. **Orientation** [BZ14].
Orientations [GBRT13]. **Oriented** [MR03, SI94]. **Origin** [EEM11].
Orthogonal [AECSU98, BMT00, BHLO11, BG11b, KM11, Kei97, MJ12, Nek13, SU13, SM00, WK07, WDBB09]. **Orthostacks**
[DIL10]. **Other** [CFM⁺01, Fra08]. **Outer**
[DE12]. **Outer-** [DE12]. **Outerplanar** [DL07]. **Outliers** [CW12a, Da 11]. **Output** [EFKP13, KMW00, NY98].
Output-Sensitive [EFKP13, NY98].
Overlap [CDG⁺09]. **Overlaping**
[JH04a, JH04b].
- Packing** [BE00, BHLL10, EFK⁺07, Epp97, SYI00, TWC06]. **Pair** [KSN99]. **Pairs**
[Pap99]. **Pairwise** [BK07, WCMS04].
Parabola [CEK⁺07]. **Parallel**
[BET99, CDKW05, Che98, CWKC98, MGD15, SPP08, Seg99, STÜ07, Zhu97].
Parallelization [CR01]. **Parallelizing**
[TMPD95, TMPD97]. **Parameter** [BBL08].
Parameterizations [GW04, WJG97].
Parametric [BD05, KTT02, SYI00]. **Pareto**
[CNTV10]. **Part** [JH04a, JH04b]. **Partial**
[Sch16]. **Particle** [GR03b]. **Partition**
[AGLN03, CM11, MS99]. **Partitioning**
[DP02, GH⁺98, VR04, Van91]. **Partitions**
[DK12, DD00, DKK09, KK05, MS14]. **Parts**
[DP02]. **patches** [BXHN03]. **Path**
[CCK⁺06, CDK01, CM10, CT97, HLM99, WIEH05]. **Paths**
[ACH⁺12, AL11, AC01, BL03, CM10, CJVW12, CSY97, DL07, GBRT13, KSN99, LYW97, Pap99, TSN97, WNGK⁺12].
Pathwidth [Sud04]. **Patterns** [BBG⁺11].
Peeling [CLX03]. **Benefit** [FOG00]. **Curve**
[FR98]. **Trees** [Poo09]. **Tubularity**
[CWW02]. **Permutations** [ABD⁺11].
Persistent [CFL15, DG99]. **Perspectives**
[TW00]. **Perturbation** [HL04].
Perturbations [BDG14]. **Phase** [BMT00].
Pieces [MS99]. **Piecewise**
[GOG11, HREK07]. **Piercing**
[AK99, DDCN13, Kei97, Seg99]. **Placement**
[BRD09, Gav09a, KT03, MMG01]. **Places**
[BDGW10]. **Placing** [MGD15]. **Planar**
[AB09, ADF13, ABR14, AAK⁺06, BS12, BCHS07, CW12b, CK97b, DDE⁺07, FW03,

- Fra08, GR03a, DDL⁺10, GKS99, HREK07, HL97, IM12, LW04, Maf14, MST13, NY98, CT92, FMR05, Jan93]. **Plane**
 [ADD⁺13, BC06, BDP08, BV13, CER97, DK12, DE12, DG16, EBGK⁺07, GJS03, GBRT13, KKY00, KU10, KSN99, LHHHP03, MHN06, SJ99, TSN97, Wan15]. **Planes**
 [Rab05, Vig12]. **Planning**
 [Cho99, GR10, HL97, HLM99, KS10, RS11]. **Plans** [DG13]. **Point**
 [AAR97, AGM⁺12, BD05, BV13, BK07, BK02, BS00, BG14, CHU14, CW12a, CGG⁺12, DEH⁺05, DG98, DK99, DDE⁺07, DMM02, DP02, EBGK⁺07, EGS08, EvKSS15, FMHT14, Gav09b, DDL⁺10, GKS99, GJSD97, IM12, JS09, Kan97b, KS13, KBA11, Kir07, LS08, MB02, MNG04, MMG01, MJ12, Roy16, Sit06, ULVH10, Wis00, WTX02, ZP01, CT92, Jan93]. **Point-Dominance** [GJSD97]. **Point-Placement** [MMG01]. **Point-Set** [BV13, DDL⁺10, Jan93]. **Pointed**
 [AHO⁺14]. **Pointer** [Afs13]. **Pointerless**
 [AM07]. **Points**
 [AGMR98, AAK⁺06, AAF10, BDIZ03, BDBF⁺14, Bes03, BM12, BDGT13, CDKW05, CDWK01, CLL05, Col04, Da11, DP03, DGRS08, DK06, EC15, GJS03, Jia15, KK05, KU10, KNN⁺02, KU99, Löf11, MGD15, SJ99, SW01, Zhu04a, KNA94]. **Pointsets** [MRM15]. **Polycubes** [AB09]. **Polygon**
 [AACKM11, AHK⁺14, BRD09, BHP01, BMT99, BVL11, BHLM03, BNS10, CK97a, Che98, CHW02, CvO01, HL98, MGR09, Pap99, SPPK08, VR04, WK07, KNA94]. **Polygonal** [AFK⁺10, ABC⁺15, AC01, BBB⁺10, CD03, CT97, CGJS11, CMO03, DEH⁺05, DLMS13, HH08, LSS02, LPC00, MS99, PL04, SVY16, STYK01]. **Polygons**
 [AECSU98, ABD⁺11, AMP10, AFN11, BS08, BG05, BHLO11, BV05, CVG⁺07, CNTV10, CT97, DL06, DH13, HS02, Kei97, KS02, KSS02, LR00, MHW00, Nar99, Poo09, SS11, Sha01, SM00, Tan99, Tan02, TWC06, THL98, Źak10]. **Polygons/Trees** [Poo09]. **Polyhedra** [AH11, BHLO11, BG11b, Bin02, BV05, CDRR05, Guh05, Vig12, Zhu97]. **Polyhedral** [BSC00, Bar98, GHH⁺98, TMPD97, dBHOvK97, TMPD95]. **Polyhedron** [Res14, WLW01]. **Polyline** [AAK⁺06]. **Polylines** [Ber05, Bes02]. **Polymatroid** [KTT02]. **Polynomial**
 [BGK⁺09, BL03, KYZ14, SV01]. **Polynomial-Time**
 [BGK⁺09, BL03, KYZ14]. **Polyominoes**
 [AB09]. **Polytopes**
 [CR01, EFKP13, GHH⁺98]. **Popular**
 [BDGW10]. **Posed** [BBR09]. **Positions**
 [DMM02]. **Possibilities** [BHMW11]. **Postman** [DG98]. **Practice**
 [RS99, TW00, FMR05]. **Precise** [HREK07]. **Precision** [FR98]. **Predicates** [ETT08]. **Preprocessors** [SZP10]. **Preservation**
 [JH04b]. **Preserving**
 [AHK⁺14, GR03a, HHMK14, JJ10, SFM07]. **Pricing** [CLLP09]. **Primitive** [Che10]. **Primitives** [MST13]. **Principal** [CWW08]. **Probabilistic** [BDIZ03]. **Problem** [Als97, AAMT15, BBR09, BGK⁺09, BV13, BBL08, BGL⁺97, BS05, BKN⁺11, BZ14, CARB15, CDJ⁺15, DFLON12, DDCN13, DBHM⁺03, DHT15, EFS09, GLL⁺99, LWŽ12, WKG10, Wen02, WK07, WDBB09, XLYB04]. **Problems** [Afs13, AHM⁺06, BMSS11, CS06, Cha12, CDK01, CHW02, CHL⁺04, CHL⁺06, CFM⁺01, DG99, DG98, FSS⁺97, GR10, GJSD97, HSS05, JS09, KPS13, KK10, Maf14, MNP⁺00, MJ12, Por09, WCLS07, Wu09, ZG06, Dev92]. **Product** [LSB04]. **Products** [JMM98]. **Programming**
 [Bar98, DD00, KNA94]. **Projection**
 [ACFV10]. **Projections**
 [AH11, BHLO11, EFKP13]. **Prone** [KL10a]. **Properties** [ABG⁺09, BEW03]. **Protein**
 [FOX08]. **Provable** [CWW08]. **Provably**
 [Mit97]. **Proximity**
 [HLW13, KL10b, Tou05, BDH⁺12]. **Pseudo**

- [AHO⁺14, AAH⁺15].
- Pseudo-Triangulations** [AHO⁺14, AAH⁺15]. **Pseudomanifolds** [DMMH11]. **Pspace** [BG14].
- Pspace-Complete** [BG14]. **Pursuit** [ABC⁺15, GLL⁺99]. **Pursuit-Evasion** [ABC⁺15, GLL⁺99]. **Push** [DG13].
- Quadrangular** [MHW00]. **Quadratic** [DNW⁺09, GW04, WJG97]. **Quadrics** [WJG97]. **Quadrilateral** [BE00, MH00, RSS⁺05]. **Quadtrees** [BET99, EGS08]. **Quality** [BET99, Ber00, CDRR05, MH00]. **Quantile** [MNP⁺00]. **Queries** [CEK⁺07, CVY11, CT97, GJS09]. **Query** [CDK01, KS13, MMS97]. **Query-Sensitive** [MMS97].
- Radiation** [CHL⁺04, CHL⁺06, CHW⁺08, WDBB09].
- Randomization** [Dev92]. **Randomized** [CFM⁺01]. **Range** [Afs13, FN05, FPNZ98, KS05, MJ12, Nek13].
- Ranges** [FN05]. **Rank** [JJ06]. **Ratio** [Wu09]. **Rational** [GW04, HREK07, WJG97]. **Ray** [GKS99, Goo98, KYZ14, MMS97]. **Rays** [DL06]. **Reaching** [CvO01, Kan97b].
- Recognition** [Roy16]. **Recognizing** [BV05].
- Reconciling** [SZP10]. **Reconfigurable** [RS11]. **Reconstructing** [BHLO11].
- Reconstruction** [ACC⁺12, ACDL02, BBCS99, DW02, DGRS08, Wis00, DEG⁺03].
- Rectangle** [FM99, GJSD97, MR03].
- Rectangles** [Gav09a, Kei97, KBA11, KNN⁺02, Seg99].
- Rectangular** [DD00, DKK09, MHN06, Por09, Wan09].
- Rectilinear** [AC01, DMS10, GC97, KSY⁺01, LYW97, TSN97]. **Red** [AC01, HSS05]. **Red-Blue** [HSS05].
- Reducing** [BBR09]. **Reduction** [CHW⁺08, Rab05]. **Reference** [AAR97].
- Refinement** [Lab08, MPW05, RW11, STÜ07].
- Refinements** [MHW00]. **Reflector** [AAMT15]. **Reflex** [ACCS04]. **Reflex-Free** [ACCS04]. **Region** [DKS05, Gav09a, LSS02, MVV07, STYK01, Wu09]. **Regions** [BK14, CJVW12, TSN97, FMR05]. **Regular** [Guh05]. **Related** [Afs13, Als97, BMSS11, DG98, FSS⁺97].
- Relations** [Wan09]. **Removal** [GMV99, Lab08]. **Reparametrization** [SV01]. **Reporting** [Afs13, CGG⁺12, Nek13]. **Representation** [AAH⁺11, ADM11, JMM98, Kan97a, MG98, DMMH11]. **Representations** [BBCK05, Sha97a, Sha97b, Sha99].
- Representing** [ALS12]. **Resemblance** [KC97]. **Resilience** [KYZ14]. **Resolving** [Sit06]. **Restricted** [AGL09]. **Restrictions** [MH00]. **Resultant** [EFKP13]. **Results** [KG14]. **Reverse** [CVY11]. **revised** [Van91].
- Revisited** [CDJ⁺15, DGN09, GJSD97, PX15]. **Right** [DE12]. **Rigid** [CDG⁺09, Sit06]. **Rigidity** [JJ06, JJ10, Ngu12, OP10]. **Rings** [Seg99].
- River** [Sug92]. **Robot** [ACFV10, GR10, HL97, HL98, Kan97b, KS10]. **Robots** [DG13, RS11]. **Robust** [DLMS13, MNP⁺00, Müc98, SI94]. **Room** [KZ10, LPC00, PLC02]. **Rooted** [KK05].
- Rotating** [BDBF⁺14, Vig12]. **Rotational** [BSC00]. **Round** [DR02]. **Rounding** [GM98]. **Roundness** [DR02, DP03, San09, SJ99]. **Route** [WKG10]. **Routes** [THI99]. **Routing** [BBC⁺02, HL97]. **Rules** [HS02].
- Sabin** [WQS05]. **Sail** [NS09]. **Salesman** [EFS09, XLYB04]. **Sampling** [CFL15, DGRS08, FIS08]. **Saw** [DH13].
- Scale** [ULVH10]. **Scans** [BBCS99]. **Scenes** [dBHOvK97]. **Scheduling** [OCB11].
- Schemes** [MG98]. **Sculptured** [KMG⁺01].
- Search** [FN05, KS05, KS11]. **Searchable**

- [KZ10]. **Searcher** [LPC00]. **Searching** [FPNZ98, LSS02, LPC00, PLC02, STYK01, Vig12, Wan15]. **Searchlight** [OGB11].
- Sections** [EW00, GW04]. **Segment** [ADS00, BHP01, BMT99, CGG⁺12, CFM⁺01, PD13, Wis00]. **Segmentation** [ACKT01, CWW02, WCLS07]. **Segments** [AAF10, Bes03, BCD⁺00, DG99, DK12, KMW00, KS99, MS03, MGR09, PL01, WLW01, XLYB04, XYZK10, Zhu04a].
- Selected** [CP05]. **Selecting** [Cha01].
- Selection** [AGR16, LLCC11, ULVH10]. **Self** [RS11]. **Self-Reconfigurable** [RS11]. **Semi** [KK05, MS07a]. **Semi-Algebraic** [MS07a].
- Semi-Balanced** [KK05]. **Sensing** [GIPR12]. **Sensitive** [EFKP13, KMW00, MMS97, NY98].
- Sensors** [KYZ14]. **Sentinel** [LS08].
- Separability** [AHM⁺06, AGM⁺12, HSS05].
- Separating** [BCD⁺00, CDKW05, CER97, DEH⁺05].
- Separation** [CEK⁺07, Guh05]. **Separator** [FOX08]. **Sequences** [GM99]. **Sequencing** [CHL⁺04, CHL⁺06]. **Service** [BMKS00, BGT99]. **Set** [AEK05, BV13, CDJ⁺15, CW12a, Col04, DDCN13, DR02, DP03, DMM02, DK06, EvKSS15, Gav09a, DDL⁺10, GKS99, KBA11, MB02, MGR09, MJ12, Sha99, SJ99, WLW01, DEG⁺03, Jan93]. **Sets** [AGM⁺12, BHP01, BDJ10, BCD⁺00, BK02, CHU14, CGG⁺12, DEH⁺05, DK99, DDE⁺07, DP02, EBGK⁺07, ESS11, EGS08, FMHT14, KK05, KU10, Kir07, Seg99].
- Shallow** [AS08a]. **Shape** [CC06, CSU99, MST13]. **Shaped** [DG13].
- Shapes** [AAR97, KNN⁺02]. **Sharp** [DW02].
- Shooting** [Goo98, MMS97]. **Shortest** [ACH⁺12, AL11, ADS00, BMT99, BL03, CCK⁺06, CJVW12, CT97, CSY97, KS99, KSN99, Pap99, TSN97, THI99]. **Shuffling** [DG01]. **Signed** [ABD⁺11]. **Signs** [CKMK03]. **Similarity** [BBR09, Kir07, Sch16, SVY16]. **Simple** [ACDL02, BMT99, BG05, BVL11, CK97a, CNTV10, CT97, KS02, KSS02, Nar99, Pap99, THL98, VR04, WTX02, Dev92].
- Simplex** [Afs13]. **Simplices** [CHU14, EEM11]. **Simplicial** [AM07, ALS12, BBCK05, CW12a, EW00, FOG00, LSB04]. **Simplification** [AHK⁺14, AGL09, CGJS11, CMO03, DLMS13, HH08, SFM07, WR07].
- Simplifying** [ALS12]. **Simplipoly** [CGJS11]. **Simultaneous** [ADF13, DL07, GHN⁺03]. **Single** [CLL05, CL13]. **Single-Source** [CL13]. **Site** [MMR01]. **Sites** [HDY07, VO98]. **Size** [BFMFP⁺14, ELPZ07, RSS⁺05, RW11, Wil15]. **Sized** [CKMK03]. **Skeleton** [HH12].
- Skew** [AAC⁺99]. **Skip** [EGS08]. **Sliding** [BDP08, CS06, KM11, KSY⁺01]. **Sliver** [Lab08]. **Slopes** [DG03]. **Small** [AKKS14, CDRR05, EBGK⁺07, KU99, Mit97].
- Smallest** [Cha02, DGN09, FG04, NN09].
- Smooth** [CP05, GOG11]. **Smoothing** [GLS10, HH08]. **Smoothness** [CWW02].
- Software** [ZE02]. **Solid** [Goo98, SPP08].
- Solids** [KMG⁺01, Sha99]. **Solution** [Ber00, FOG00, Gav09b, VB05].
- Solution-Based** [Ber00]. **Solutions** [DD00, HV91, KK10]. **Solving** [Yan06].
- Some** [AHM⁺06]. **Sorting** [Che10]. **Source** [CL13]. **Space** [BS12, CD03, CSY97, DK12, Sha97a, Sha97b, Van91, WNGK⁺12].
- Space-Efficient** [CD03]. **Spaces** [ES97, HLM99, Wil15]. **Spanner** [LW04, XYZK10]. **Spanners** [BSX09, BDD⁺12, DN97, DG16]. **Spanning** [AGLN03, CL13, DGN09, RS99, WLW01].
- Sparse** [DN97, dBHOvK97]. **Spatial** [Yan06]. **Special** [BV05]. **Specification** [SOR06]. **Specified** [DMM02, FR98].
- Specified-Precision** [FR98]. **Sphere** [AS01, RS07, Xu06]. **Spheres** [Gav09b].
- Spherical** [HS02, KS10, Xu06]. **Spiralling** [KMW00]. **splines** [BXHN03]. **Spread** [Wil15]. **Square**

- [BFMFP⁺14, BHMW11, Kan97b]. **Square-Tiling** [BHMW11]. **Squares** [MGD15]. **Stabbing** [CHU14]. **Stability** [BDG13, BDG14, DK06, For95]. **Stable** [EMM98, Hiy08]. **Stabs** [KMW00]. **Stage** [EFKM08]. **Star** [LWZ12]. **Static** [CHL⁺04, DBGV06, IM12]. **Statistical** [MNP⁺00]. **Steiner** [AAF10, BZ14, DK06, GC97, KU99, MHS07, Wen02]. **Step** [CW12a]. **stereolithography** [FM97]. **Stoker** [BG11b]. **Stone** [CEK⁺07]. **Storage** [BM02]. **Straight** [GR03a, HH12, Tan99]. **Straight-Line** [GR03a]. **Straight-Skeleton** [HH12]. **Strange** [MF06]. **Strategy** [ABC⁺15, MMG01]. **Streaming** [AKKS14, Che10]. **Streams** [FIS08]. **Streets** [LOS01]. **Stretch** [WNGK⁺12]. **Strong** [ACFV10, FW03]. **Strongly** [BG14, CDWK01]. **Structural** [ABG⁺09, AAH⁺11]. **Structure** [ALS12, FG04]. **Structures** [CW12a, EGS08, KL10b, LSB04]. **Study** [DGL⁺00, LHHHP03, TV01]. **Subdivision** [BM02, LD15, ZWG06]. **Subdivisions** [BBC⁺02, KU10]. **Sublinear** [AMV13]. **Subtrajectories** [BBG⁺11]. **Successive** [CMO03]. **Sum** [AACKM11, Als97, AAK⁺06, BBR09, DLOP06, LLCC11, MS10, BHP01]. **SUM-Hard** [BHP01]. **Sums** [MS07b]. **Superhull** [CDWK01]. **Superimposing** [CC06]. **Surface** [ACDL02, CM11, DGRS08, GMV99, HV91, JH04a, JH04b, MC91, MNG04, MH00, WCLS07]. **Surfaces** [CP05, CLRW10, GOG11, Rab05, RS07, SYI00, WQS05]. **Surveillance** [BDBF⁺14]. **Survey** [JTNM06]. **Sweep** [BSC00]. **Swept** [BSC99, BSC00]. **Symmetry** [GJS03, OP10]. **System** [GR03b, KMG⁺01, SM06, VB05, Yan06]. **Systems** [JTNM06, Sit06, SZP10, TW06]. **Tangent** [Rab05]. **Technique** [MS03]. **Techniques** [CR01, FOG00, MH00]. **Template** [MH00]. **Terrain** [AEK05, DG03, FM01, HLM⁺14, TMPD97, FMR05, TMPD95]. **Terrains** [GLS10, MVV07]. **Tessellation** [BS12, DNW⁺09]. **Testing** [ABR14, BK02]. **Tethered** [HL97]. **Tethered-Robot** [HL97]. **Tetrahedra** [LD15]. **Tetrahedral** [Ber00]. **Tetrahedralization** [MMG01]. **Tetrahedralizations** [GOG11]. **Tetris** [BDH⁺04]. **Their** [BK07, CEK⁺07, Cho99]. **Theorem** [BG11b, Zer12]. **Theoretic** [ABG⁺09]. **Theory** [RS99, TW00]. **Therapy** [CHL⁺04, CHL⁺06, CHW⁺08, WDDB09]. **Thickness** [CW12a]. **Three** [BSC00, BMT00, BBCK05, Cha12, DB92, EEM11, HDY07, Kir07, Müc98, SU13]. **Three-Dimensional** [BSC00, Kir07, Müc98]. **Three-Phase** [BMT00]. **Throwing** [CEK⁺07]. **Tightening** [WR07]. **Tiling** [BHMW11]. **Tilings** [Wan09]. **Time** [AMV13, BBR09, BGK⁺09, BL03, KMW00, KS02, KS99, KYZ14, LWZ12]. **Tolerance** [DMOW98, HH08]. **Tolerant** [MS14]. **Tool** [ACM01, LSS98]. **Top** [Wan15]. **Top-** [Wan15]. **Topics** [CP05]. **Topological** [APS00, BSC00, CCD06, CLX03, ES97]. **Topology** [CP05, DNW⁺09, HHMK14, JH04b, SBBC00, SI94]. **Topology-Guided** [DNW⁺09]. **Topology-Oriented** [SI94]. **Topology-Preserving** [HHMK14]. **Tours** [ECHS11, EC15, Löf11]. **Tracing** [MF06]. **Transform** [EMM98]. **Transformation** [IM12]. **Translates** [CER97]. **Translation** [BGT99, KS11]. **Translational** [BSC99, BHP01]. **Translations** [KC97]. **Transportation** [BC06, CLLP09]. **trapezoid** [CT92]. **Traveling** [EFS09, XLYB04]. **Traversal** [BM02]. **Tree** [BZ14, Goo98, Sha01, Van91, Wen02]. **Trees** [AGLN03, AMM⁺98, AGM⁺12, CM10, CL13, Fra08, GC97, GR03a, HLW13, MHS07, Poo09, RS99, Sud04, WNGK⁺12].

- Triangle** [AMV13]. **Triangles** [AK99, BMSS11]. **Triangular** [Ber00, Rab05]. **Triangulating** [ES97]. **Triangulation** [ACH⁺12, BBL08, BDE02, BS16, Epp97, HSKK98, Mit97, NZ06, SYI00]. **Triangulations** [AHO⁺14, AAH⁺15, ADM11, AAF10, BET99, BDG13, BSX09, Dev02, DB92, ESS11, GHN⁺03, IMTI02, KU99, Müc98, Nar99, Xu06, For95]. **Truck** [EFK⁺07]. **TSP** [DLOP06]. **Turns** [Col04, Jia15]. **Tverberg** [MS14]. **Twist** [EFK⁺07]. **Two** [Als97, BG05, BBCK05, BCD⁺00, BNS10, CDG⁺09, CD03, CT97, EEM11, KS05, KK05, KU10, KBA11, LYW97, MGD15, MS10, PLC02, Tan02, TWC06, THL98, Wan09, WTX02, ZP01]. **Two-Circle** [WTX02]. **Two-Dimensional** [CD03, KS05]. **Two-Guard** [THL98]. **Two-Label** [ZP01]. **Two-Layer** [LYW97]. **Types** [Wan09].
- Unanchored** [Kan97b]. **Uncertain** [JS09]. **Uncertainties** [MJ12]. **Uncertainty** [CvO01]. **Under-Constrained** [TW06, ZG06]. **Unfolding** [DIL10, Poo09]. **Unguarded** [Bin02]. **Unified** [BMT00, KT03]. **Uniform** [BZ14, MTT99, WQS05]. **Unions** [CDG⁺09]. **Unstable** [Res14]. **Unit** [CDJ⁺15, DFLON12, DDCN13]. **Universal** [BS05, KPS13]. **Unknown** [KL10a, CL93]. **Unstable** [GRS08]. **Unstructured** [TW00]. **Updates** [DG99, Nek13]. **Upper** [DHT15]. **Upward** [Fra08]. **Using** [AGL09, BFS01, CWW08, FS08, GW04, GH⁺98, HSKK98, KL10a, MST13, SPP08].
- Values** [DLOP06]. **Variant** [DDCN13]. **Various** [AGR16, BKST00, KNN⁺02]. **Vector** [HHMK14]. **Velocity** [DK08]. **Verification** [WIEH05]. **Versions** [DBGV06]. **Vertex** [DIL10]. **Vertex-Unfolding** [DIL10]. **Vertices** [Gav09b, Rab05]. **Via** [BDG14, Goo98, DD00, Sch16, SYI00]. **View** [WKG10]. **Viewpoint** [DDE⁺07]. **Viewpoints** [HLM⁺14]. **Views** [dBHOvK97]. **Virtual** [PW01, SBBC00]. **Visibility** [AMP10, BRD09, BS00, CK97a, Che98, DDE⁺07, ELPZ07, FM99, FW03, GLL⁺99, HLM⁺14, Kan97a, KMW00, Roy16, SM00, TMPD97, Wis00, TMPD95]. **Visibility-Based** [GLL⁺99]. **Visible** [BMT99]. **Visual** [Pet98]. **Visualization** [LSS98]. **VLSI** [PL01]. **Volume** [Ano98, Ano03, Ano04, Ano05, Ano06, Ano07, Ano08, Ano09, Ano10, Ano11, Ano12, Ano13a, Ano14, Ano15]. **Volumes** [BSC99, BSC00, GOG11]. **Voronoi** [AAC⁺99, AGMR98, BC06, BKC09, BS12, BBB⁺10, BK14, CC06, DKS05, DG98, DBGV06, ETT08, Gav09b, GSW08, HREK07, HDY07, HH08, KS05, KKS05, MMR01, NS09, PL01, PL04, PD13, PX15, SPPK08, Sug92, SI94, VO98]. **Voronoi-Based** [HH08]. **Voronoi-Like** [BS12].
- Walkability** [THL98]. **Walkable** [Tan99]. **Watchman** [THI99, WKG10]. **Watermarking** [HHMK14]. **Weak** [Che98]. **Weakly** [BMT99]. **Web** [AL01, BGT99]. **Web-Based** [AL01]. **Weight** [BBL08, BDE02]. **Weighted** [CJVW12, GJS03, LW04]. **Well** [Sha99, Sit06, ZG06]. **Well-Constrained** [ZG06]. **Well-Formed** [Sha99, Sit06]. **Which** [BK07]. **Whose** [Mit97]. **Wide** [BGT99]. **Width** [Cha02, FOX08, SJ99, Jan93]. **Width-Bounded** [FOX08]. **Windows** [CS06]. **Wingspans** [KS99]. **Within** [AFN11]. **Without** [CM10, MH00, BM02]. **Witnesses** [CJK⁺06]. **Work** [MPW05]. **Workspace** [HL98]. **World** [BGT99]. **Yao** [BDD⁺12]. **yields** [Dev92].

Zone [LHHHP03].

References

- | | |
|--|--|
| <p>[AAC⁺99] O. Aichholzer, F. Aurenhammer, D. Z. Chen, D. T. Lee, and E. Papadopoulou. Skew Voronoi diagrams. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 9(3):235–??, 1999. CODEN IJCAEV. ISSN 0218-1959.</p> <p style="text-align: center;">Aichholzer:1999:SVD</p> <p>[AAH⁺15] Oswin Aichholzer, Franz Aurenhammer, Thomas Hackl, Clemens Huemer, Alexander Pilz, and Birgit Vogtenhuber. 3-colorability of pseudo-triangulations. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 25(4):283–??, December 2015. CODEN IJCAEV. ISSN 0218-1959.</p> <p style="text-align: center;">Aichholzer:2015:CPT</p> <p>[AACKM11] A. Karim Abu-Affash, Paz Carmi, Matthew J. Katz, and Gila Morgenstern. Multi cover of a polygon minimizing the sum of areas. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 21(6):685–698, December 2011. CODEN IJCAEV. ISSN 0218-1959.</p> <p style="text-align: center;">Abu-Affash:2011:MCP</p> <p>[AAK⁺06] Boris Aronov, Tetsuo Asano, Naoki Katoh, Kurt Mehlhorn, and Takeshi Tokuyama. Polyline fitting of planar points under min-sum criteria. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 16(2–3):97–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.</p> <p style="text-align: center;">Aronov:2006:PFP</p> <p>[AAF10] Boris Aronov, Tetsuo Asano, and Stefan Funke. Optimal triangulations of points and segments with Steiner points. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 20(1):89–104, February 2010. CODEN IJCAEV. ISSN 0218-1959.</p> <p style="text-align: center;">Aronov:2010:OTP</p> <p>[AAH⁺11] Oswin Aichholzer, Franz Aurenhammer, Thomas Hackl, Bert Jüttler, Margot Rabl, and Zbyněk Šír. Computational and structural advantages of circular boundary representation. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 21(1):47–69, February 2011. CODEN IJCAEV. ISSN 0218-1959.</p> <p style="text-align: center;">Aichholzer:2011:CCB</p> <p>[AAMT15] Julien André, Dominique Attali, Quentin Mérigot, and Boris Thibert. Far-field reflector problem under design constraints. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 25(2):??, June 2015. CODEN IJCAEV. ISSN 0218-1959.</p> <p style="text-align: center;">Andre:2015:FFR</p> | <p>[AAC⁺99] O. Aichholzer, F. Aurenhammer, D. Z. Chen, D. T. Lee, and E. Papadopoulou. Skew Voronoi diagrams. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 9(3):235–??, 1999. CODEN IJCAEV. ISSN 0218-1959.</p> <p style="text-align: center;">Aichholzer:1999:SVD</p> <p>[AAH⁺15] Oswin Aichholzer, Franz Aurenhammer, Thomas Hackl, Clemens Huemer, Alexander Pilz, and Birgit Vogtenhuber. 3-colorability of pseudo-triangulations. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 25(4):283–??, December 2015. CODEN IJCAEV. ISSN 0218-1959.</p> <p style="text-align: center;">Aichholzer:2015:CPT</p> <p>[AACKM11] A. Karim Abu-Affash, Paz Carmi, Matthew J. Katz, and Gila Morgenstern. Multi cover of a polygon minimizing the sum of areas. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 21(6):685–698, December 2011. CODEN IJCAEV. ISSN 0218-1959.</p> <p style="text-align: center;">Abu-Affash:2011:MCP</p> <p>[AAK⁺06] Boris Aronov, Tetsuo Asano, Naoki Katoh, Kurt Mehlhorn, and Takeshi Tokuyama. Polyline fitting of planar points under min-sum criteria. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 16(2–3):97–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.</p> <p style="text-align: center;">Aronov:2006:PFP</p> <p>[AAF10] Boris Aronov, Tetsuo Asano, and Stefan Funke. Optimal triangulations of points and segments with Steiner points. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 20(1):89–104, February 2010. CODEN IJCAEV. ISSN 0218-1959.</p> <p style="text-align: center;">Aronov:2010:OTP</p> <p>[AAH⁺11] Oswin Aichholzer, Franz Aurenhammer, Thomas Hackl, Bert Jüttler, Margot Rabl, and Zbyněk Šír. Computational and structural advantages of circular boundary representation. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 21(1):47–69, February 2011. CODEN IJCAEV. ISSN 0218-1959.</p> <p style="text-align: center;">Aichholzer:2011:CCB</p> <p>[AAMT15] Julien André, Dominique Attali, Quentin Mérigot, and Boris Thibert. Far-field reflector problem under design constraints. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 25(2):??, June 2015. CODEN IJCAEV. ISSN 0218-1959.</p> <p style="text-align: center;">Andre:2015:FFR</p> |
|--|--|

- Aichholzer:1997:MSR**
- [AAR97] Oswin Aichholzer, Helmut Alt, and Günter Rote. Matching shapes with a reference point. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(4):349–??, August 1997. CODEN IJCAEV. ISSN 0218-1959.
- Aleksandrowicz:2009:CDD**
- [AB09] Gadi Aleksandrowicz and Gill Barequet. Counting d -dimensional polycubes and nonrectangular planar polyominoes. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(3):215–229, June 2009. CODEN IJCAEV. ISSN 0218-1959.
- Ames:2015:LSP**
- [ABC⁺15] Brendan Ames, Andrew Beveridge, Rosalie Carlson, Claire Djang, Volkan Isler, Stephen Ragain, and Maxray Savage. A leapfrog strategy for pursuit-evasion in a polygonal environment. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(2):??, June 2015. CODEN IJCAEV. ISSN 0218-1959.
- Aloupis:2011:CSP**
- [ABD⁺11] Greg Aloupis, Prosenjit Bose, Erik D. Demaine, Stefan Langerman, Henk Meijer, Mark Overmars, and Godfried T. Toussaint. Computing signed permutations of polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(1):87–100, February 2011. CODEN IJCAEV. ISSN 0218-1959.
- Abellanas:2009:SGT**
- [ABG⁺09] Manuel Abellanas, Prosenjit Bose, Jesús García, Ferran Hurtado, Carlos M. Nicolás, and Pedro Ramos. On structural and graph theoretic properties of higher order Delaunay graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(6):595–615, December 2009. CODEN IJCAEV. ISSN 0218-1959.
- Angelini:2014:TMD**
- [ABR14] Patrizio Angelini, Thomas Bläsius, and Ignaz Rutter. Testing mutual duality of planar graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(4):325–??, December 2014. CODEN IJCAEV. ISSN 0218-1959.
- Atallah:2001:CRB**
- [AC01] Mikhail J. Atallah and Danny Z. Chen. On connecting red and blue rectilinear polygonal obstacles with nonintersecting monotone rectilinear paths. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(4):373–400, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Amenta:2008:GEF**
- [AC08] Nina Amenta and Otfried Cheong. Guest Editors’ fore-

- word. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(6):507–508, December 2008. CODEN IJCAEV. ISSN 0218-1959.
- Aanjaneya:2012:MGR**
- [ACC⁺12] Mridul Aanjaneya, Frederic Chazal, Daniel Chen, Marc Glisse, Leonidas Guibas, and Dmitriy Morozov. Metric graph reconstruction from noisy data. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(4):305–??, August 2012. CODEN IJCAEV. ISSN 0218-1959.
- Ahn:2004:RFH**
- [ACCS04] Hee-Kap Ahn, Siu-Wing Cheng, Otfried Cheong, and Jack Snoeyink. The reflex-free hull. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(6):453–??, December 2004. CODEN IJCAEV. ISSN 0218-1959.
- Amenta:2002:SAH**
- [ACDL02] Nina Amenta, Sunghee Choi, Tamal K. Dey, and Naveen Leekha. A simple algorithm for homeomorphic surface reconstruction. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(1–2):125–??, 2002. CODEN IJCAEV. ISSN 0218-1959.
- Anghinolfi:2010:CPR**
- [ACFV10] Andrea Anghinolfi, Luca Costa, Massimo Ferri, and Enrico Viarani. A covering projection for robot navigation under strong anisotropy. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(5):511–525, October 2010. CODEN IJCAEV. ISSN 0218-1959.
- Abellanas:2012:ISP**
- [ACH⁺12] Manuel Abellanas, Mercè Claverol, Gregorio Hernández, Ferran Hurtado, Vera Sacristán, Maria Saumell, and Rodrigo I. Silveira. Improving shortest paths in the Delaunay triangulation. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(6):559–??, December 2012. CODEN IJCAEV. ISSN 0218-1959.
- Asano:2001:EAO**
- [ACKT01] Tetsuo Asano, Danny Z. Chen, Naoki Katoh, and T. Tokuyama. Efficient algorithms for optimization-based image segmentation. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(2):145–166, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Arya:2001:AAM**
- [ACM01] Sunil Arya, Siu-Wing Cheng, and David M. Mount. Approximation algorithm for multiple-tool milling. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(3):339–372,

2001. CODEN IJCAEV. ISSN 0218-1959.
- Abel:2013:FEP**
- [ADD⁺13] Zachary Abel, Erik D. Demaine, Martin L. Demaine, Sarah Eisenstat, Jayson Lynch, Tao B. Schardl, and Isaac Shapiro-Ellowitz. Folding equilateral plane graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(2):75–??, April 2013. CODEN IJCAEV. ISSN 0218-1959.
- Angelini:2013:SEE**
- [ADF13] Patrizio Angelini, Giuseppe Di Battista, and Fabrizio Frati. Simultaneous embedding of embedded planar graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(2):93–??, April 2013. CODEN IJCAEV. ISSN 0218-1959.
- Aleardi:2011:CBR**
- [ADM11] Luca Castelli Aleardi, Olivier Devillers, and Abdelkrim Mebarki. Catalog-based representation of 2D triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(4):393–402, August 2011. CODEN IJCAEV. ISSN 0218-1959.
- Aleksandrov:2000:AFS**
- [ADS00] L. G. Aleksandrov, H. N. Djidjev, and J.-R. Sack. An $O(n \log n)$ algorithm for finding a shortest central link segment.
- [AFK⁺10]
- International Journal of Computational Geometry and Applications (IJCGA)*, 10(2):157–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Abello:1998:IOP**
- James Abello, Vladimir Estivill-Castro, Thomas Shermer, and Jorge Urrutia. Illumination of orthogonal polygons with orthogonal floodlights. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(1):25–??, February 1998. CODEN IJCAEV. ISSN 0218-1959.
- Archambault:2005:CSA**
- Daniel Archambault, William Evans, and David Kirkpatrick. Computing the set of all the distant horizons of a terrain. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(6):547–??, December 2005. CODEN IJCAEV. ISSN 0218-1959.
- Amenta:1998:GEF**
- Nina Amenta and Steven Fortune. Guest Editors’ foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(2):117–??, April 1998. CODEN IJCAEV. ISSN 0218-1959.
- Ahn:2010:DOE**
- Hee-Kap Ahn, Mohammad Farshi, Christian Knauer, Michiel Smid, and Yajun Wang. Dilatation-optimal edge deletion

- in polygonal cycles. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(1):69–87, February 2010. CODEN IJCAEV. ISSN 0218-1959.
- Aota:2011:AAL**
- [AFN11] Hirofumi Aota, Takuro Fukunaga, and Hiroshi Nagamochi. An approximation algorithm for locating maximal disks within convex polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(6):661–684, December 2011. CODEN IJCAEV. ISSN 0218-1959.
- Afshani:2013:IPM**
- [Afs13] Peyman Afshani. Improved pointer machine and I/O lower bounds for simplex range reporting and related problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 23,(4–5):233–??, 2013. CODEN IJCAEV. ISSN 0218-1959.
- Agarwal:1999:GEF**
- [Aga99] Pankaj K. Agarwal. Guest Editor’s foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(4–5):325–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Andersson:2009:RMS**
- [AGL09] Mattias Andersson, Joachim Gudmundsson, and Christos Levcopoulos. Restricted mesh simplification using edge contractions. *International Journal of Computational Geometry and Applications (IJCGA)*, 19 (3):247–265, June 2009. CODEN IJCAEV. ISSN 0218-1959.
- Andersson:2003:BPM**
- [AGLN03] Mattias Andersson, Joachim Gudmundsson, Christos Levcopoulos, and Giri Narasimhan. Balanced partition of minimum spanning trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(4):303–??, August 2003. CODEN IJCAEV. ISSN 0218-1959.
- Arkin:2012:SPS**
- [AGM⁺12] Esther M. Arkin, Delia Garijo, Alberto Márquez, Joseph S. B. Mitchell, and Carlos Seara. Separability of point sets by k -level linear classification trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(2):143–??, April 2012. CODEN IJCAEV. ISSN 0218-1959.
- Albers:1998:VDM**
- [AGMR98] Gerhard Albers, Leonidas J. Guibas, Joseph S. B. Mitchell, and Thomas Roos. Voronoi diagrams of moving points. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(3):365–??, June 1998. CODEN IJCAEV. ISSN 0218-1959.

- | | | |
|-----------------------|---|---|
| | Ashok:2016:SLV | ??, February 2006. CODEN IJCAEV. ISSN 0218-1959. |
| [AGR16] | Pradeesha Ashok, Sathish Govindarajan, and Ninad Rajgopal. Selection lemmas for various geometric objects. <i>International Journal of Computational Geometry and Applications (IJCGA)</i> , 26(2):67–??, June 2016. CODEN IJCAEV. ISSN 0218-1959. | Aichholzer:2014:FCP |
| [AH11] | Md. Ashraful Alam and Masud Hasan. Computing nice projections of convex polyhedra. <i>International Journal of Computational Geometry and Applications (IJCGA)</i> , 21(1):71–85, February 2011. CODEN IJCAEV. ISSN 0218-1959. | Alam:2011:CNP |
| [AHK ⁺ 14] | Oswin Aichholzer, Thomas Hackl, Matias Korman, Alexander Pilz, and Birgit Vogtenhuber. Geodesic-preserving polygon simplification. <i>International Journal of Computational Geometry and Applications (IJCGA)</i> , 24(4):307–??, December 2014. CODEN IJCAEV. ISSN 0218-1959. | Aichholzer:2014:GPP |
| [AHM ⁺ 06] | Esther M. Arkin, Ferran Hurtado, Joseph S. B. Mitchell, Carlos Seara, and Steven S. Skiena. Some lower bounds on geometric separability problems. <i>International Journal of Computational Geometry and Applications (IJCGA)</i> , 16(1):1– | Arkin:2006:SLB |
| [AK99] | | Abellanas:2008:HLM |
| [AKKS14] | | Assa:1999:PDB |
| | | Manuel Abellanas, Ferran Hurtado, and Belén Palop. The heavy luggage metric. <i>International Journal of Computational Geometry and Applications (IJCGA)</i> , 18(4):295–306, August 2008. CODEN IJCAEV. ISSN 0218-1959. |
| | | Ahn:2014:CCS |
| | | Hee-Kap Ahn, Hyo-Sil Kim, Sang-Sub Kim, and Wanbin Son. Computing k centers over streaming data for small k . <i>International Journal of Computational Geometry and Applications (IJCGA)</i> , 24(3):197–??, September 2014. CODEN IJCAEV. ISSN 0218-1959. |

- cations (IJCGA)*, 24(2):107–??, June 2014. CODEN IJCAEV. ISSN 0218-1959.
- Chao:2013:GEF**
- [aKMCHL13] and Kun-Mao Chao, Tsan-Sheng Hsu, and Der-Tsai Lee. Guest Editors’ foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(6):425–??, December 2013. CODEN IJCAEV. ISSN 0218-1959.
- Ahn:2012:CDF**
- [AKS⁺12] Hee-Kap Ahn, Christian Knauer, Marc Scherfenberg, Lena Schlipf, and Antoine Vigneron. Computing the discrete Fréchet distance with imprecise input. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(1):27–??, February 2012. CODEN IJCAEV. ISSN 0218-1959.
- Aoki:2001:TWB**
- [AL01] Kiyoko F. Aoki and D. T. Lee. Towards Web-based computing. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(1):71–104, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Ahmed:2011:SDP**
- [AL11] Mustaq Ahmed and Anna Lubiw. Shortest descending paths: Towards an exact algorithm. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(4):431–466, August 2011. CODEN IJCAEV. ISSN 0218-1959.
- Alsuwaiyel:1997:TAS**
- Muhammad H. Alsuwaiyel. Two algorithms for the sum of diameters problem and a related problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(5):493–??, October 1997. CODEN IJCAEV. ISSN 0218-1959.
- Attali:2012:EDS**
- Dominique Attali, André Lieutier, and David Salinas. Efficient data structure for representing and simplifying simplicial complexes in high dimensions. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(4):279–??, August 2012. CODEN IJCAEV. ISSN 0218-1959.
- Atalay:2007:PIH**
- F. Betul Atalay and David M. Mount. Pointerless implementation of hierarchical simplicial meshes and efficient neighbor finding in arbitrary dimensions. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(6):595–631, December 2007. CODEN IJCAEV. ISSN 0218-1959.
- Arkin:1998:DTG**
- Esther M. Arkin, Henk Meijer, Joseph S. B. Mitchell, David Rappaport, and Steven S. Skiena. Decision trees for geometric models. *International Journal of Computa-*

- tional Geometry and Applications (IJCGA)*, 8(3):343–??, June 1998. CODEN IJCAEV. ISSN 0218-1959.
- Amit:2010:LGV**
- [AMP10] Yoav Amit, Joseph S. B. Mitchell, and Eli Packer. Locating guards for visibility coverage of polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(5):601–630, October 2010. CODEN IJCAEV. ISSN 0218-1959.
- Arkin:1997:GEF**
- [AMS97] Esther M. Arkinn, Joseph S. B. Mitchell, and Steven S. Skiena. Guest Editors’ foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(1–2):1–??, February–April 1997. CODEN IJCAEV. ISSN 0218-1959.
- Abdullah:2013:ABN**
- [AMV13] Amirali Abdullah, John Moeller, and Suresh Venkatasubramanian. Approximate Bregman near neighbors in sublinear time: Beyond the triangle inequality. *International Journal of Computational Geometry and Applications (IJCGA)*, 23,(4–5):253–??, 2013. CODEN IJCAEV. ISSN 0218-1959.
- Anonymous:1997:AI**
- [Ano97] Anonymous. Author index. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(6):621–??,
- [Ano98] [Ano99] [Ano00] [Ano01] [Ano02]
- December 1997. CODEN IJCAEV. ISSN 0218-1959.
- Anonymous:1998:AI**
- Anonymous. Author index volume 8 (1998). *International Journal of Computational Geometry and Applications (IJCGA)*, 8(5–6):643–??, October–December 1998. CODEN IJCAEV. ISSN 0218-1959.
- Anonymous:1999:AI**
- Anonymous. Author index. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(6):619–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Anonymous:2000:AI**
- Anonymous. Author index. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(6):653–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Anonymous:2001:AI**
- Anonymous. Author index. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(6):683–??, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Anonymous:2002:AI**
- Anonymous. Author index. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(6):529–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

- | | |
|--|---|
| <p>Anonymous:2003:AIV</p> <p>[Ano03] Anonymous. Author index volume 13 (2003). <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 13(6):507–??, December 2003. CODEN IJCAEV. ISSN 0218-1959.</p> <p>Anonymous:2004:AIV</p> <p>[Ano04] Anonymous. Author index volume 14 (2004). <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 14(6):479–??, December 2004. CODEN IJCAEV. ISSN 0218-1959.</p> <p>Anonymous:2005:AIV</p> <p>[Ano05] Anonymous. Author index volume 15 (2005). <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 15(6):631–??, December 2005. CODEN IJCAEV. ISSN 0218-1959.</p> <p>Anonymous:2006:AIV</p> <p>[Ano06] Anonymous. Author index volume 16 (2006). <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 16(5–6):617–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.</p> <p>Anonymous:2007:AIV</p> <p>[Ano07] Anonymous. Author index volume 17 (2007). <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 17(6):633–635, December 2007. CODEN IJCAEV. ISSN 0218-1959.</p> | <p>Anonymous:2008:AIV</p> <p>[Ano08] Anonymous. Author index volume 18 (2008). <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 18(6):627–629, December 2008. CODEN IJCAEV. ISSN 0218-1959.</p> <p>Anonymous:2009:AIV</p> <p>[Ano09] Anonymous. Author index volume 19 (2009). <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 19(6):617–619, December 2009. CODEN IJCAEV. ISSN 0218-1959.</p> <p>Anonymous:2010:AIV</p> <p>[Ano10] Anonymous. Author index volume 20 (2010). <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 20(6):751–754, December 2010. CODEN IJCAEV. ISSN 0218-1959.</p> <p>Anonymous:2011:AIV</p> <p>[Ano11] Anonymous. Author index volume 21 (2011). <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 21(6):699–702, December 2011. CODEN IJCAEV. ISSN 0218-1959.</p> <p>Anonymous:2012:AIV</p> <p>[Ano12] Anonymous. Author index volume 22 (2012). <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 22(6):593–??, December 2012. CODEN IJCAEV. ISSN 0218-1959.</p> |
|--|---|

- Anonymous:2013:AIV**
- [Ano13a] Anonymous. Author index volume 23 (2013). *International Journal of Computational Geometry and Applications (IJCGA)*, 23(6):479–??, December 2013. CODEN IJCAEV. ISSN 0218-1959.
- Asano:2013:GEF**
- [ANO13b] Takao Asano, Shin-Ichi Nakano, and Yoshio Okamoto. Guest Editors’ foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(2):73–??, April 2013. CODEN IJCAEV. ISSN 0218-1959.
- Anonymous:2014:AIV**
- [Ano14] Anonymous. Author index: Volume 24 (2014). *International Journal of Computational Geometry and Applications (IJCGA)*, 24(4):397–??, December 2014. CODEN IJCAEV. ISSN 0218-1959.
- Anonymous:2015:AIV**
- [Ano15] Anonymous. Author index volume 25 (2015). *International Journal of Computational Geometry and Applications (IJCGA)*, 25(4):309–??, December 2015. CODEN IJCAEV. ISSN 0218-1959.
- Agarwal:1998:CGC**
- [AO98] Pankaj K. Agarwal and Joseph O’Rourke. Computational geometry column 34. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(5–6):637–??,
- APS00**
- [AS01]
- AS08a**
- AS08b**
- October–December 1998. CODEN IJCAEV. ISSN 0218-1959.
- Andersson:2000:ETF**
- L.-E. Andersson, T. J. Peters, and N. F. Stewart. Equivalence of topological form for curvilinear geometric objects. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(6):609–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Andrade:2001:EAC**
- Marcus Vinícius Alvim Andrade and Jorge Stolfi. Exact algorithms for circles on the sphere. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(3):267–290, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Alon:2008:CFC**
- Noga Alon and Shakhar Smorodin-sky. Conflict-free colorings of shallow discs. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(6):599–604, December 2008. CODEN IJCAEV. ISSN 0218-1959.
- Alt:2008:CHD**
- Helmut Alt and Ludmila Scharf. Computing the Hausdorff distance between curved objects. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(4):307–320, August 2008. CO-

- DEN IJCAEV. ISSN 0218-1959.
- Asano:2009:GEF**
- [Asa09] Tetsuo Asano. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(2):93, April 2009. CODEN IJCAEV. ISSN 0218-1959.
- Atallah:1999:IHB**
- [Ata99] M. J. Atallah. An improved hypercube bound for multisearching and its applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(1):29–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Ahn:2014:GEF**
- [AV14] Hee-Kap Ahn and Antoine Vigneron. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(4):259–??, December 2014. CODEN IJCAEV. ISSN 0218-1959.
- Barequet:1998:DPD**
- [Bar98] Gill Barequet. DCEL: a polyhedral database and programming environment. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(5–6):619–??, October–December 1998. CODEN IJCAEV. ISSN 0218-1959.
- Barequet:2005:GEF**
- [Bar05] Gill Barequet. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(4):325–??, August 2005. CODEN IJCAEV. ISSN 0218-1959.
- Barequet:2013:EF**
- [Bar13] Gill Barequet. Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(4–5):231–??, 2013. CODEN IJCAEV. ISSN 0218-1959.
- Bereg:2010:VDP**
- [BBB⁺10] Sergey Bereg, Kevin Buchin, Maike Buchin, Marina Gavrilova, and Binhai Zhu. Voronoi diagram of polygonal chains under the discrete Fréchet distance. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(4):471–484, August 2010. CODEN IJCAEV. ISSN 0218-1959.
- Bose:2002:ORC**
- [BBC⁺02] Prosenjit Bose, Andrej Brodnik, Svante Carlsson, Erik D. Demaine, Rudolf Fleischer, Alejandro López-Ortiz, Pat Morin, and J. Ian Munro. Online routing in convex subdivisions. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(4):283–??, August 2002. CODEN IJCAEV. ISSN 0218-1959.
- Blandford:2005:CRS**
- [BBCK05] Daniel K. Blandford, Guy E. Blelloch, David E. Cardoze, and Clemens Kadow. Compact representations of simpli-

- cial meshes in two and three dimensions. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(1):3–??, February 2005. CODEN IJCAEV. ISSN 0218-1959.
- Bernardini:1999:ARC**
- [BBCS99] Fausto Bernardini, Chandrajit L. Bajaj, Jindong Chen, and Daniel R. Schikore. Automatic reconstruction of 3D CAD models from digital scans. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(4–5):327–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Buchin:2011:DCP**
- [BBG⁺11] Kevin Buchin, Maike Buchin, Joachim Gudmundsson, Maarten Löffler, and Jun Luo. Detecting commuting patterns by clustering subtrajectories. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(3):253–282, June 2011. CODEN IJCAEV. ISSN 0218-1959.
- Borgelt:2008:FPA**
- [BBL08] Magdalene Grantson Borgelt, Christian Borgelt, and Christos Levcopoulos. Fixed parameter algorithms for the minimum weight triangulation problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(3):185–220, June 2008. CODEN IJCAEV. ISSN 0218-1959.
- [BBR09] Henk Bekker, Axel A. Brink, and Jos B. T. M. Roerdink. Reducing the time complexity and identifying ill-posed problem instances of Minkowski sum based similarity calculations. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(5):441–456, October 2009. CODEN IJCAEV. ISSN 0218-1959.
- Bekker:2009:RTC**
- [BC06] Sang Won Bae and Kyung-Yong Chwa. Voronoi diagrams for a transportation network on the Euclidean plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(2–3):117–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.
- Bae:2006:VDT**
- [BCD⁺00] J.-D. Boissonnat, J. Czyzowicz, O. Devillers, J. Urrutia, and M. Yvinec. Computing largest circles separating two sets of segments. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(1):41–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Boissonnat:2000:CLC**
- [BCHS07] Prosenjit Bose, Narcís Coll, Ferran Hurtado, and J. Antoni Sellàs. A general approximation algorithm for planar maps with applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(1):1–??, February 2007. CODEN IJCAEV. ISSN 0218-1959.
- Bose:2007:GAA**
- [Bose:2009:RTC]
- [Bose:2009:VDT]
- [Bose:2009:CLC]
- [Bose:2009:GAA]

- tions (IJCGA)*, 17(6):529–554, December 2007. CODEN IJCAEV. ISSN 0218-1959.
- Baran:2005:OAA**
- [BD05] Ilya Baran and Erik D. Demaine. Optimal adaptive algorithms for finding the nearest and farthest point on a parametric black-box curve. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(4):327–??, August 2005. CODEN IJCAEV. ISSN 0218-1959.
- Bereg:2014:CSP**
- [BDBF⁺14] S. Bereg, J. M. Díaz-Báñez, M. Fort, M. A. Lopez, P. Pérez-Lantero, and J. Urrutia. Continuous surveillance of points by rotating floodlights. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(3):183–??, September 2014. CODEN IJCAEV. ISSN 0218-1959.
- Bose:2012:PAY**
- [BDD⁺12] Prosenjit Bose, Mirela Damian, Karim Douieb, Joseph O’Rourke, Ben Seamone, Michiel Smid, and Stefanie Wuhrer. $\pi/2$ -angle Yao graphs are spanners. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(1):61–??, February 2012. CODEN IJCAEV. ISSN 0218-1959.
- Bose:2002:DMW**
- [BDE02] Prosenjit Bose, Luc Devroye, and William Evans. Diamonds are not a minimum weight triangulation’s best friend. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(6):445–??, 2002. CODEN IJCAEV. ISSN 0218-1959.
- Boissonnat:2013:SDT**
- Jean-Daniel Boissonnat, Ramsay Dyer, and Arijit Ghosh. The stability of Delaunay triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 23,(4–5):303–??, 2013. CODEN IJCAEV. ISSN 0218-1959.
- Boissonnat:2014:DSP**
- Jean-Daniel Boissonnat, Ramsay Dyer, and Arijit Ghosh. Delaunay stability via perturbations. *International Journal of Computational Geometry and Applications (IJCGA)*, 24 (2):125–??, June 2014. CODEN IJCAEV. ISSN 0218-1959.
- Butler:2013:CPT**
- Steve Butler, Erik Demaine, Ron Graham, and Tomohiro Tachi. Constructing points through folding and intersection. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(1):49–??, February 2013. CODEN IJCAEV. ISSN 0218-1959.
- Benkert:2010:FPP**
- Marc Benkert, Bojan Djordjevic, Joachim Gudmundsson, and Thomas Wolle. Finding popular places. *Inter-*

- national Journal of Computational Geometry and Applications (IJCGA)*, 20(1):19–42, February 2010. CODEN IJCAEV. ISSN 0218-1959.
- Breukelaar:2004:THE**
- [BDH⁺04] Ron Breukelaar, Erik D. Demaine, Susan Hohenberger, Hendrik Jan Hoogeboom, Walter A. Kosters, and David Liben-Nowell. Tetris is hard, even to approximate. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(1–2):41–??, April 2004. CODEN IJCAEV. ISSN 0218-1959.
- Bose:2012:PGT**
- [BDH⁺12] Prosenjit Bose, Vida Dujmović, Ferran Hurtado, John Iacono, Stefan Langerman, Henk Meijer, Vera Sacristán, Maria Saumell, and David R. Wood. Proximity Graphs: E , δ , Δ , χ and ω . *International Journal of Computational Geometry and Applications (IJCGA)*, 22(5):439–??, October 2012. CODEN IJCAEV. ISSN 0218-1959.
- Basch:2003:PAD**
- [BDIZ03] Julien Basch, Harish Devarajan, Piotr Indyk, and Li Zhang. Probabilistic analysis for discrete attributes of moving points. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(1):5–??, February 2003. CODEN IJCAEV. ISSN 0218-1959.
- [Ber00] M. Bern and D. Eppstein. Quadrilateral meshing by circle packing. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(4):347–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- [Ber04] M. Berzins. Solution-based mesh quality indicators for triangular and tetrahedral meshes. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(3):333–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Bereg:2010:MAI**
- Sergey Bereg, Adrian Dumitrescu, and Minghui Jiang. Maximum area independent sets in disk intersection graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(2):105–118, April 2010. CODEN IJCAEV. ISSN 0218-1959.
- Bereg:2008:SDP**
- Sergey Bereg, Adrian Dumitrescu, and János Pach. Sliding disks in the plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(5):373–387, October 2008. CODEN IJCAEV. ISSN 0218-1959.
- Bern:2000:QMC**
- M. Bern and D. Eppstein. Quadrilateral meshing by circle packing. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(4):347–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Berzins:2000:SBM**
- M. Berzins. Solution-based mesh quality indicators for triangular and tetrahedral meshes. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(3):333–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Bereg:2004:CHD**
- Sergey Bereg. Cylindrical hierarchy for deforming necklaces.

- International Journal of Computational Geometry and Applications (IJCGA)*, 14(1–2):3–??, April 2004. CODEN IJCAEV. ISSN 0218-1959.
- Bose:2003:PAG**
- Prosenjit Bose, Hazel Everett, and Stephen Wismath. Properties of arrangement graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(6):447–??, December 2003. CODEN IJCAEV. ISSN 0218-1959.
- Bereg:2005:AMB**
- Sergey Bereg. An approximate morphing between polylines. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(2):193–??, April 2005. CODEN IJCAEV. ISSN 0218-1959.
- Bereg:2014:EDC**
- [Ber05]
- Sergei Bespamyatnikh. An optimal morphing between polylines. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(3):217–??, 2002. CODEN IJCAEV. ISSN 0218-1959.
- Bespamyatnikh:2002:OMB**
- [Bes02]
- Sergei Bespamyatnikh. Computing closest points for segments. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(5):419–??, October 2003. CODEN IJCAEV. ISSN 0218-1959.
- Bespamyatnikh:2003:CCP**
- [Bes03]
- M. Bern, D. Eppstein, and S.-H. Teng. Parallel construction of quadtrees and quality triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(6):517–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Bern:1999:PCQ**
- [BET99]
- [BFS01]
- Christoph Burnikel, Stefan Funke, and Michael Seel. Exact geometric computation using cascading. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(3):245–266, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Burnikel:2001:EGC**
- Amit M. Bhosle and Teofilo F. Gonzalez. Exact and approximation algorithms for finding an optimal bridge connecting two simple polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(6):609–??, December 2005. CODEN IJCAEV. ISSN 0218-1959.
- Bhosle:2005:EAA**
- [BG05]

- | | |
|--|---|
| <div style="text-align: center; margin-bottom: 10px;">Batog:2011:IBN</div> <p>[BG11a] Guillaume Batog and Xavier Goaoc. Inflating balls is NP-hard. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 21(4):403–415, August 2011. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="text-align: center; margin-top: 10px;">Biedl:2011:STO</div> <p>[BG11b] Therese Biedl and Burkay Genç. Stoker’s theorem for orthogonal polyhedra. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 21(4):383–391, August 2011. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="text-align: center; margin-top: 10px;">Buchin:2014:DPL</div> <p>[BG14] Kevin Buchin and Dirk H. P. Gerrits. Dynamic point labeling is strongly Pspace-complete. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 24(4):373–??, December 2014. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="text-align: center; margin-top: 10px;">Benkert:2009:PTA</div> <p>[BGK⁺09] Marc Benkert, Joachim Gudmundsson, Christian Knauer, René Van Oostrum, and Alexander Wolff. A polynomial-time approximation algorithm for a geometric dispersion problem. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 19(3):267–288, June 2009. CODEN IJCAEV. ISSN 0218-1959.</p> | <div style="text-align: center; margin-bottom: 10px;">Bose:1997:FP</div> <p>[BGL⁺97] Prosenjit Bose, Leonidas Guibas, Anna Lubiw, Mark Overmars, Diane Souvaine, and Jorge Urrutia. The floodlight problem. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 7(1–2):153–163, February–April 1997. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="text-align: center; margin-top: 10px;">Bridgeman:1999:GDT</div> <p>[BGT99] Stina Bridgeman, Ashim Garg, and Roberto Tamassia. A graph drawing and translation service on the World Wide Web. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 9(4–5):419–??, 1999. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="text-align: center; margin-top: 10px;">Brass:2010:LBA</div> <p>[BHLL10] Peter Brass, Ferran Hurtado, Benjamin Lafreniere, and Anna Lubiw. A lower bound on the area of a 3-coloured disk packing. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 20(3):341–360, June 2010. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="text-align: center; margin-top: 10px;">Brass:2003:CCA</div> <p>[BHLMO03] Peter Braß, Laura Heinrich-Litan, and Pat Morin. Computing the center of area of a convex polygon. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 13(5):439–??,</p> |
|--|---|

- October 2003. CODEN IJCAEV. ISSN 0218-1959.
- Biedl:2011:RCP**
- [BHLO11] Therese Biedl, Masud Hasan, and Alejandro López-Ortiz. Reconstructing convex polygons and convex polyhedra from edge and face counts in orthogonal projections. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(2):215–239, April 2011. CODEN IJCAEV. ISSN 0218-1959.
- Berkoff:2011:PIS**
- [BHMW11] A. M. Berkoff, J. M. Henle, A. E. McDonough, and A. P. Wesolowski. Possibilities and impossibilities in square-tiling. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(5):545–558, October 2011. CODEN IJCAEV. ISSN 0218-1959.
- Barequet:2001:PCT**
- [BHP01] Gill Barequet and Sariel Har-Peled. Polygon containment and translational min-Hausdorff-distance between segment sets are 3 SUM-hard. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(4):465–474, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Binger:2002:PUI**
- [Bin02] David Binger. Polyhedra with unguarded interiors. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(3):173–??, 2002. CODEN IJCAEV. ISSN 0218-1959.
- Brass:2002:TCD**
- [BK02] Peter Brass and Christian Knauer. Testing the congruence of d -dimensional point sets. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(1–2):115–??, 2002. CODEN IJCAEV. ISSN 0218-1959.
- Boutin:2007:WPC**
- [BK07] Mireille Boutin and Gregor Kemper. Which point configurations are determined by the distribution of their pairwise distances? *International Journal of Computational Geometry and Applications (IJCGA)*, 17(1):31–43, February 2007. CODEN IJCAEV. ISSN 0218-1959.
- Bohler:2014:AVD**
- [BK14] Cecilia Bohler and Rolf Klein. Abstract Voronoi diagrams with disconnected regions. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(4):347–??, December 2014. CODEN IJCAEV. ISSN 0218-1959.
- Bae:2009:OCC**
- [BKC09] Sang Won Bae, Jae-Hoon Kim, and Kyung-Yong Chwa. Optimal construction of the city Voronoi diagram. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(2):95–117,

- April 2009. CODEN IJCAEV. ISSN 0218-1959.
- Brass:2011:ACP**
- [BKN⁺11] Peter Brass, Christian Knauer, Heyeon-Suk Na, Chan-Su Shin, and Antoine Vigneron. The aligned K -center problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(2):157–178, April 2011. CODEN IJCAEV. ISSN 0218-1959.
- Bespamyatnikh:2000:OFL**
- [BKST00] S. Bespamyatnikh, K. Kedem, M. Segal, and A. Tamir. Optimal facility location under various distance functions. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(5):523–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Boissonnat:2003:PTA**
- [BL03] Jean-Daniel Boissonnat and Sylvain Lazard. A polynomial-time algorithm for computing shortest paths of bounded curvature amidst moderate obstacles. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(3):189–??, June 2003. CODEN IJCAEV. ISSN 0218-1959.
- Bose:2002:IAS**
- [BM02] Prosenjit Bose and Pat Morin. An improved algorithm for subdivision traversal without extra storage. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(4):297–??, August 2002. CODEN IJCAEV. ISSN 0218-1959.
- Binder:2012:BII**
- [BM12] Thomas Binder and Thomas Martinetz. On the boundedness of an iteration involving points on the hypersphere. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(6):499–??, December 2012. CODEN IJCAEV. ISSN 0218-1959.
- Ben-Moshe:2000:OFL**
- [BMKS00] B. Ben-Moshe, M. J. Katz, and M. Segal. Obnoxious facility location: Complete service with minimal harm. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(6):581–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Bose:2011:CEI**
- [BMSS11] Prosenjit Bose, Mercè Mora, Carlos Seara, and Saurabh Sethia. On computing enclosing isosceles triangles and related problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(1):25–45, February 2011. CODEN IJCAEV. ISSN 0218-1959.
- Bhattacharya:1999:CSW**
- [BMT99] B. K. Bhattacharya, A. Mukhopadhyay, and G. T. Toussaint. Computing a shortest weakly externally visible line segment

- for a simple polygon. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(1):81–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Biedl:2000:TPM**
- [BMT00] T. C. Biedl, B. P. Madden, and I. G. Tollis. The three-phase method: a unified approach to orthogonal graph drawing. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(6):553–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Brass:2010:GPT**
- [BNS10] Peter Brass, Hyeyon-Suk Na, and Chan-Su Shin. Guarding a polygon from two nearly-opposite directions. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(3):327–339, June 2010. CODEN IJCAEV. ISSN 0218-1959.
- Bardhan:2009:GPM**
- [BRD09] Debabrata Bardhan, Sansanka Roy, and Sandip Das. Guard placement for maximizing L -visibility exterior to a convex polygon. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(4):357–370, August 2009. CODEN IJCAEV. ISSN 0218-1959.
- Bremner:2000:PVG**
- [BS00] D. Bremner and T. Shermer. Point visibility graphs and O -convex cover. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(1):55–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Brass:2005:LBL**
- [BS05] Peter Brass and Mehrbod Sharifi. A lower bound for Lebesgue’s universal cover problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(5):537–??, October 2005. CODEN IJCAEV. ISSN 0218-1959.
- Barequet:2008:MP**
- [BS08] Gill Barequet and Aya Steiner. On the matability of polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(5):469–506, October 2008. CODEN IJCAEV. ISSN 0218-1959.
- Bae:2012:ODV**
- [BS12] Sang Won Bae and Chan-Su Shin. The onion diagram: a Voronoi-like tessellation of a planar line space and its applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(1):3–??, February 2012. CODEN IJCAEV. ISSN 0218-1959.
- Bueno:2016:CTM**
- [BS16] Lucas Moutinho Bueno and Jorge Stolfi. 3-colored triangulation of 2D maps. *International Journal of Computa-*

- tional Geometry and Applications (IJCGA)*, 26(2):111–??, June 2016. CODEN IJCAEV. ISSN 0218-1959.
- Baek:1999:CTS**
- [BSC99] N. Baek, S.-Y. Shin, and K.-Y. Chwa. On computing translational swept volumes. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(3):293–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Baek:2000:TDT**
- [BSC00] N. Baek, S.-Y. Shin, and K.-Y. Chwa. Three-dimensional topological sweep for computing rotational swept volumes of polyhedral objects. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(2):131–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Bose:2009:DDT**
- [BSX09] Prosenjit Bose, Michiel Smid, and Daming Xu. Delaunay and diamond triangulations contain spanners of bounded degree. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(2):119–140, April 2009. CODEN IJCAEV. ISSN 0218-1959.
- Bose:2005:GMR**
- [BV05] Prosenjit Bose and Marc Van Kreveld. Generalizing monotonicity: on recognizing special classes of polygons and polyhedra. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(6):591–??, December 2005. CODEN IJCAEV. ISSN 0218-1959.
- Biedl:2013:PSE**
- Therese Biedl and Martin Vatshelle. The point-set embeddability problem for plane graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 23,(4–5):357–??, 2013. CODEN IJCAEV. ISSN 0218-1959.
- Borgelt:2011:GDC**
- Magdalene G. Borgelt, Marc Van Kreveld, and Jun Luo. Geodesic disks and clustering in a simple polygon. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(6):595–608, December 2011. CODEN IJCAEV. ISSN 0218-1959.
- Bajaj:2003:MSC**
- [BXHN03] Chandrajit L. Bajaj, Guoliang Xu, Robert J. Holt, and Arun N. Netravali. NURBS approximation of A-splines and A-patches. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(5):359–??, October 2003. CODEN IJCAEV. ISSN 0218-1959.
- Brazil:2014:UOS**
- Marcus Brazil and Martin Zachariasen. The uniform orientation Steiner tree problem is
- [BZ14]

- NP-hard. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(2):87–??, June 2014. CODEN IJCAEV. ISSN 0218-1959.
- Carlsson:2015:BMP**
- [CARB15] John Gunnar Carlsson, Benjamin Armbruster, Saladi Rahul, and Haritha Bellam. A bottleneck matching problem with edge-crossing constraints. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(4):245–??, December 2015. CODEN IJCAEV. ISSN 0218-1959.
- Chen:2006:SVC**
- [CC06] Chao Chen and Ho-Lun Cheng. Superimposing Voronoi complexes for shape deformation. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(2–3):159–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.
- Carlsson:2006:ATM**
- [CCD06] Erik Carlsson, Gunnar Carlsson, and Vin De Silva. An algebraic topological method for feature identification. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(4):291–??, August 2006. CODEN IJCAEV. ISSN 0218-1959.
- Chang:2006:SPA**
- [CCK⁺06] Ee-Chien Chang, Sung Woo Choi, Do Yong Kwon, Hyungju Park, and Chee K. Yap. Shortest path amidst disc obstacles is computable. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):567–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.
- Chen:2003:SEA**
- [CD03] Danny Z. Chen and Ovidiu Daescu. Space-efficient algorithms for approximating polygonal curves in two-dimensional space. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(2):95–??, April 2003. CODEN IJCAEV. ISSN 0218-1959.
- Charlton:2012:GC**
- [CDD⁺12] David Charlton, Erik D. Demaine, Martin L. Demaine, Vida Dujmović, Pat Morin, and Ryuhei Uehara. Ghost chimneys. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(3):207–??, June 2012. CODEN IJCAEV. ISSN 0218-1959.
- Cabello:2009:MAO**
- [CDG⁺09] Sergio Cabello, Mark De Berg, Panos Giannopoulos, Christian Knauer, René Van Oostrum, and Remco C. Veltkamp. Maximizing the area of overlap of two unions of disks under rigid motion. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(6):533–556, December 2009. CODEN IJCAEV. ISSN 0218-1959.

- Carmi:2015:MDS**
- [CDJ⁺15] Paz Carmi, Gautam K. Das, Ramesh K. Jallu, Subhas C. Nandy, Prajwal R. Prasad, and Yael Stein. Minimum dominating set problem for unit disks revisited. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(3):??, September 2015. CODEN IJCAEV. ISSN 0218-1959.
- Chen:2001:CSC**
- [CDWK01] Wei Chen, Xiaowen Deng, Koichi Wada, and K. Kawaguchi. Constructing a strongly convex superhull of points. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(5):487–502, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Chen:2001:GPQ**
- [CDK01] Danny Z. Chen, Ovidiu Daescu, and Kevin S. Klenk. On geometric path query problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(6):617–??, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Cheong:2007:PSQ**
- [CEK⁺07] Otfried Cheong, Hazel Everett, Hyo-Sil Kim, Sylvain Lazard, and René Schott. Parabola separation queries and their application to stone throwing. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(4):349–360, August 2007. CODEN IJCAEV. ISSN 0218-1959.
- Calinescu:2005:SPA**
- [CDKW05] Gruia Călinescu, Adrian Dumitrescu, Howard Karloff, and Peng-Jun Wan. Separating points by axis-parallel lines. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(6):575–??, December 2005. CODEN IJCAEV. ISSN 0218-1959.
- Czyzowicz:1997:STP**
- [CER97] Jurek Czyzowicz, Hazel Everett, and Jean-Marc Robert. Separating translates in the plane: Combinatorial bounds and an algorithm. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(6):551–??, December 1997. CODEN IJCAEV. ISSN 0218-1959.
- Cheng:2005:QMP**
- [CDRR05] Siu-Wing Cheng, Tamal K. Dey, Edgar A. Ramos, and Tathagata Ray. Quality meshing of polyhedra with small angles. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(4):421–??, August 2005. CODEN IJCAEV. ISSN 0218-1959.
- Cavazza:2015:EMP**
- [CFL15] Niccolò Cavazza, Massimo Ferri, and Claudia Landi. Estimating multidimensional persistent homology through

- a finite sampling. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(3):??, September 2015. CODEN IJCAEV. ISSN 0218-1959.
- Crauser:2001:REM**
- [CFM⁺01] A. Crauser, P. Ferragina, K. Mehlhorn, U. Meyer, and E. A. Ramos. Randomized external-memory algorithms for line segment intersection and other geometric problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(3):305–337, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Cortes:2012:RBS**
- [CGG⁺12] Carmen Cortés, Delia Garijo, María Ángeles Garrido, Clara I. Grima, Alberto Márquez, Auxiliadora Moreno-González, Jesús Valenzuela, and María Trinidad Villar. Reporting bichromatic segment intersections from point sets. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(5):421–??, October 2012. CODEN IJCAEV. ISSN 0218-1959.
- Chuon:2011:SCB**
- [CGJS11] Chansophea Chuon, Sumanta Guha, Paul Janecek, and Nguyen Duc Cong Song. Simplipoly: Curvature-based polygonal curve simplification. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(4):417–429, August 2011. CODEN IJCAEV. ISSN 0218-1959.
- Chan:2001:ESD**
- [Cha01] Timothy M. Chan. On enumerating and selecting distances. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(3):291–304, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Chan:2002:ADW**
- [Cha02] Timothy M. Chan. Approximating the diameter, width, smallest enclosing cylinder, and minimum-width annulus. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(1–2):67–??, 2002. CODEN IJCAEV. ISSN 0218-1959.
- Chan:2012:TPA**
- [Cha12] Timothy M. Chan. Three problems about dynamic convex hulls. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(4):341–??, August 2012. CODEN IJCAEV. ISSN 0218-1959.
- Chen:1998:DWV**
- [Che98] Danny Z. Chen. Determining weak visibility of a polygon from an edge in parallel. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(3):277–??, June 1998. CODEN IJCAEV. ISSN 0218-1959.

- Chen:2010:GSA**
- [Che10] Eric Y. Chen. Geometric streaming algorithm with a sorting primitive. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(1):3–18, February 2010. CODEN IJCAEV. ISSN 0218-1959.
- Chen:2004:GAS**
- [CHL⁺04] Danny Z. Chen, Xiaobo S. Hu, Shuang (Sean) Luan, Chao Wang, and Xiaodong Wu. Geometric algorithms for static leaf sequencing problems in radiation therapy. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(4–5):311–??, October 2004. CODEN IJCAEV. ISSN 0218-1959.
- Chen:2006:GGA**
- [CHL⁺06] Danny Z. Chen, Xiaobo X. Hu, Shuang Luan, Shahid A. Naqvi, Chao Wang, and Cedric X. Yu. Generalized geometric approaches for leaf sequencing problems in radiation therapy. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(2–3):175–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.
- Choset:1999:NAC**
- [Cho99] Howie Choset. Nonsmooth analysis, convex analysis, and their applications to motion planning. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(4–5):447–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Cano:2014:SSP**
- [CHU14] Javier Cano, Ferran Hurtado, and Jorge Urrutia. Stabbing simplices of point sets with k -flats. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(3):237–??, September 2014. CODEN IJCAEV. ISSN 0218-1959.
- Chen:2002:OPC**
- [CHW02] Danny Z. Chen, Xiaobo S. Hu, and Xiaodong Wu. Optimal polygon cover problems and applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(4):309–??, August 2002. CODEN IJCAEV. ISSN 0218-1959.
- Chen:2008:MRB**
- [CHW⁺08] Danny Z. Chen, Xiaobo S. Hu, Chao Wang, Shuang Luan, and Xiaodong Wu. Mountain reduction, block matching, and applications in intensity-modulated radiation therapy. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(1–2):63–106, April 2008. CODEN IJCAEV. ISSN 0218-1959.
- Chwa:2006:GAG**
- [CJK⁺06] Kyung-Yong Chwa, Byung-Cheol Jo, Christian Knauer, Esther Moet, René Van Oostrum, and Chan-Su Shin. Guarding art galleries by

- guarding witnesses. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(2–3):205–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.
- Cheng:2012:ASH**
- [CJVW12] Siu-Wing Cheng, Jiongxin Jin, Antoine Vigneron, and Yajun Wang. Approximate shortest homotopic paths in weighted regions. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(1):83–??, February 2012. CODEN IJCAEV. ISSN 0218-1959.
- Cai:1997:CVI**
- [CK97a] Leizhen Cai and J. Mark Keil. Computing visibility information in an inaccurate simple polygon. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(6):515–??, December 1997. CODEN IJCAEV. ISSN 0218-1959.
- Chrobak:1997:CGD**
- [CK97b] Marek Chrobak and Goos Kant. Convex grid drawings of 3-connected planar graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(3):211–??, June 1997. CODEN IJCAEV. ISSN 0218-1959.
- Culver:2003:HAD**
- [CKMK03] Tim Culver, John Keyser, Dinesh Manocha, and Shankar Krishnan. A hybrid approach for determinant signs of moderate-sized matrices. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(5):399–??, October 2003. CODEN IJCAEV. ISSN 0218-1959.
- Chan:1993:LAN**
- Kwong-Fai Chan and Tak Wah Lam. An on-line algorithm for navigating in an unknown environment. *International Journal of Computational Geometry and Applications (IJCGA)*, 3(??):227–244, 1993. CODEN IJCAEV. ISSN 0218-1959.
- Chen:2009:EF**
- Danny Z. Chen and D. T. Lee. Editors’ foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(3):213–214, June 2009. CODEN IJCAEV. ISSN 0218-1959.
- Cheong:2013:SSD**
- Otfried Cheong and Changryeol Lee. Single-source dilation-bounded minimum spanning trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(3):159–??, June 2013. CODEN IJCAEV. ISSN 0218-1959.
- Chen:2005:LPS**
- Yu-Shin Chen, D. T. Lee, and Chung-Shou Liao. Labeling points on a single line. *International Journal of Computational Geometry and Appli-*

- cations (IJCGA)*, 15(3):261–??, June 2005. CODEN IJCAEV. ISSN 0218-1959.
- Cardinal:2009:PGT**
- [CLLP09] Jean Cardinal, Martine Labb  , Stefan Langerman, and Bel  n Palop. Pricing geometric transportation networks. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(6):507–520, December 2009. CODEN IJCAEV. ISSN 0218-1959.
- Chazal:2007:NMB**
- [CLR07] Frederic Chazal, Andre Lieutier, and Jarek Rossignac. Normal-map between normal-compatible manifolds. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(5):403–421, October 2007. CODEN IJCAEV. ISSN 0218-1959.
- Chazal:2010:BMH**
- [CLRW10] Fr  d  ric Chazal, Andr   Lieutier, Jarek Rossignac, and Brian Whited. Ball-map: Homeomorphism between compatible surfaces. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(3):285–306, June 2010. CODEN IJCAEV. ISSN 0218-1959.
- Chen:2003:TPA**
- [CLX03] Danny Z. Chen, Shuang Luan, and Jinhui Xu. Topological peeling and applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(2):135–??, April 2003. CODEN IJCAEV. ISSN 0218-1959.
- Chen:2010:FMO**
- Danny Z. Chen and Ewa Mi- siolek. Finding many optimal paths without growing any optimal path trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(4):449–469, August 2010. CODEN IJCAEV. ISSN 0218-1959.
- Chen:2011:FFS**
- Danny Z. Chen and Ewa Mi- siolek. Free-form surface parti- tion in 3-D. *International Jour- nal of Computational Geome- try and Applications (IJCGA)*, 21(6):609–634, December 2011. CODEN IJCAEV. ISSN 0218- 1959.
- Cohen:2003:SMA**
- Jonathan Cohen, Dinesh Manocha, and Marc Olano. Successive mappings: An approach to polygonal mesh simplification with guaranteed error bounds. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(1):61–??, February 2003. CODEN IJCAEV. ISSN 0218-1959.
- Chepoi:2010:PES**
- [CNTV10] Victor Chepoi, Karim Nouioua, Edouard Thiel, and Yann Vax  s. Pareto envelopes in simple polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(4):449–469, August 2010. CODEN IJCAEV. ISSN 0218-1959.

- tions (IJCGA)*, 20(6):707–721, December 2010. CODEN IJCAEV. ISSN 0218-1959.
- Cheong:2012:GEF**
- [CO12] Otfried Cheong and Yoshio Okamoto. Guest Editors’ foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(1):1–??, February 2012. CODEN IJCAEV. ISSN 0218-1959.
- Collins:2004:CSP**
- [Col04] Michael J. Collins. Covering a set of points with a minimum number of turns. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(1–2):105–??, April 2004. CODEN IJCAEV. ISSN 0218-1959.
- Cazals:2005:DTG**
- [CP05] Frédéric Cazals and Marc Pouget. Differential topology and geometry of smooth embedded surfaces: Selected topics. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(5):511–??, October 2005. CODEN IJCAEV. ISSN 0218-1959.
- Christof:2001:DPT**
- [CR01] Thomas Christof and Gerhard Reinelt. Decomposition and parallelization techniques for enumerating the facets of combinatorial polytopes. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(4):423–437, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Chan:2006:GOP**
- [CS06] Timothy M. Chan and Bashir S. Sadjad. Geometric optimization problems over sliding windows. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(2–3):145–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.
- Czyzowicz:1999:IS**
- [CSU99] J. Czyzowicz, I. Stojmenovic, and J. Urrutia. Immobilizing a shape. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(2):181–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Chen:2005:GAD**
- [CSX05] Danny Z. Chen, Michiel Smid, and Bin Xu. Geometric algorithms for density-based data clustering. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(3):239–??, June 2005. CODEN IJCAEV. ISSN 0218-1959.
- Choi:1997:AES**
- [CSY97] Joonsoo Choi, Juergen Sellen, and Chee-Keng Yap. Approximate Euclidean shortest paths in 3-space. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(4):271–??, August 1997. CODEN IJCAEV. ISSN 0218-1959.

- | | |
|--|---|
| <div style="border: 1px solid black; padding: 5px; text-align: center;">Chiang:1992:DTM</div> <p>[CT92] Y.-J. Chiang and R. Tamassia. Dynamization of the trapezoid method for planar point location. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 2(??):311–333, 1992. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Chiang:1997:OSP</div> <p>[CT97] Yi-Jen Chiang and Roberto Tamassia. Optimal shortest path and minimum — link path queries between two convex polygons inside a simple polygonal obstacle. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 7(1–2):85–??, February–April 1997. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Chew:2005:GEF</div> <p>[CÜ05] Paul Chew and Alper Üngör. Guest Editors’ foreword. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 15(1):1–??, February 2005. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Cheong:2007:IHP</div> <p>[CVG⁺07] Jae-Sook Cheong, A. Frank Van Der Stappen, Ken Goldberg, Mark H. Overmars, and Elon Rimon. Immobilizing hinged polygons. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 17(1):45–69, February 2007. CODEN IJCAEV. ISSN 0218-1959.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;">Cheong:2001:RPD</div> <p>[CvO01] Otfried Cheong and René van Oostrum. Reaching a polygon with directional uncertainty. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 11(2):197–214, 2001. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Cheong:2011:RNN</div> <p>[CVY11] Otfried Cheong, Antoine Vigneron, and Juyoung Yon. Reverse nearest neighbor queries in fixed dimension. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 21(2):179–188, April 2011. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Chen:2012:FSF</div> <p>[CW12a] Danny Z. Chen and Haitao Wang. Fitting a step function to a point set with outliers based on simplicial thickness data structures. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 22(3):215–??, June 2012. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Chen:2012:LOL</div> <p>[CW12b] Danny Z. Chen and Haitao Wang. Locating an obnoxious line among planar objects. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 22(5):391–??, October 2012. CODEN IJCAEV. ISSN 0218-1959.</p> |
|--|---|

- | | |
|---|--|
| <div style="border: 1px solid black; padding: 5px; text-align: center;">Chen:1998:FCH</div> <p>[CWKC98] Wei Chen, Koichi Wada, Kimio Kawaguchi, and Danny Z. Chen. Finding the convex hull of discs in parallel. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 8(3):305–??, June 1998. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Chen:2002:ISA</div> <p>[CWW02] Danny Z. Chen, Jie Wang, and Xiaodong Wu. Image segmentation with asteroidality/tubularity and smoothness constraints. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 12(5):413–??, October 2002. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Cheng:2008:PDD</div> <p>[CWW08] Siu-Wing Cheng, Yajun Wang, and Zhuangzhi Wu. Provable dimension detection using principal component analysis. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 18(5):415–440, October 2008. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">DaFonseca:2011:FFP</div> <p>[Da 11] Guilherme D. Da Fonseca. Fitting flats to points with outliers. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 21(5):559–569, October 2011. CODEN IJCAEV. ISSN 0218-1959.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;">Dey:1992:GTT</div> <p>[DB92] T. K. Dey and C. Bajaj. On good triangulations in three dimensions. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 2(1):75–95, 1992. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Diaz-Banez:2006:AVD</div> <p>[DBGV06] J. M. Díaz-Báñez, F. Gómez, and I. Ventura. The anchored Voronoi diagram: Static, dynamic versions and applications. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 16(4):315–??, August 2006. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Diaz-Banez:2003:LEA</div> <p>[DBHM⁺03] J. M. Díaz-Báñez, F. Hurtado, H. Meijer, D. Rappaport, and J. A. Sellarès. The largest empty annulus problem. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 13(4):317–??, August 2003. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">deBerg:1997:SAN</div> <p>[dBHOvK97] Mark de Berg, Dan Halperin, Mark Overmars, and Marc van Kreveld. Sparse arrangements and the number of views of polyhedral scenes. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 7(3):175–??, June 1997. CODEN IJCAEV. ISSN 0218-1959.</p> |
|---|--|

- | | |
|---|---|
| <div style="border: 1px solid black; padding: 5px; text-align: center;">Diaz-Banez:2014:EF</div> <p>[DBKU14] J. M. Díaz-Báñez, R. Klein, and J. Urrutia. Editors' foreword. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 24(3):173–??, September 2014. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">deBerg:2002:GEF</div> <p>[dBS02] Mark de Berg and Stefan Schirra. Guest Editor's foreword. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 12(1–2): 1–??, 2002. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">DeMeneses:2000:ESR</div> <p>[DD00] C. N. De Meneses and C. C. De Souza. Exact solutions of rectangular partitions via integer programming. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 10(5):477–??, 2000. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">De:2013:AAV</div> <p>[DDCN13] Minati De, Gautam K. Das, Paz Carmi, and Subhas C. Nandy. Approximation algorithms for a variant of discrete piercing set problem for unit disks. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 23(6):461–??, December 2013. CODEN IJCAEV. ISSN 0218-1959.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;">DDE⁺07</div> <p>[DDE⁺07] Olivier Devillers, Vida Dužmović, Hazel Everett, Samuel Hornus, Sue Whitesides, and Steve Wismath. Maintaining visibility information of planar point sets with a moving viewpoint. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 17(4): 297–304, August 2007. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Giacomo:2010:CPS</div> <p>[DDL⁺10] Emilio Di Giacomo, Walter Didimo, Giuseppe Liotta, Henk Meijer, and Stephen K. Wismath. Constrained point-set embeddability of planar graphs. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 20(5):577–600, October 2010. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Dehkordi:2012:EOP</div> <p>[DE12] Hooman Reisi Dehkordi and Peter Eades. Every outer-1-plane graph has a right angle crossing drawing. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 22(6):543–??, December 2012. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Devillers:2003:MSC</div> <p>[DEG⁺03] Olivier Devillers, Regina Eskowski, Pierre-Marie Gandon, Ferran Hurtado, Pedro Ramos, and Vera Sacristán. Minimal set of constraints for 2 d constrained Delaunay reconstruc-</p> |
|---|---|

- tion. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(5):391–??, October 2003. CODEN IJCAEV. ISSN 0218-1959.
- Demaine:2005:SPS**
- [DEH⁺05] Erik D. Demaine, Jeff Erickson, Ferran Hurtado, John Iacono, Stefan Langerman, Henk Meijer, Mark Overmars, and Sue Whitesides. Separating point sets in polygonal environments. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(4):403–??, August 2005. CODEN IJCAEV. ISSN 0218-1959.
- Devillers:1992:RYS**
- [Dev92] O. Devillers. Randomization yields simple $O(n \log^* n)$ algorithms for difficult $\Omega(n)$ problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 2(1):97–111, 1992. CODEN IJCAEV. ISSN 0218-1959.
- Devillers:2002:DDT**
- [Dev02] Olivier Devillers. On deletion in Delaunay triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(3):193–??, 2002. CODEN IJCAEV. ISSN 0218-1959.
- Dey:1997:EAD**
- [Dey97] Tamal K. Dey. Efficient algorithms to detect null-homologous cycles on 2-manifolds. *International Journal of Computational Geometry*
- [DFLON12] Gautam K. Das, Robert Fraser, Alejandro López-Ortiz, and Bradford G. Nickerson. On the discrete unit disk cover problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(5):407–??, October 2012. CODEN IJCAEV. ISSN 0218-1959.
- Das:2012:DUD**
- [DG98] Olivier Devillers and Mordecai J. Golin. Dog bites postman: Point location in the moving Voronoi diagram and related problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(3):321–??, June 1998. CODEN IJCAEV. ISSN 0218-1959.
- Devillers:1998:DBP**
- [DG99] F. D’Amore and R. Giacchio. Intersection problems on segments under boundary updates with application to persistent lists. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(6):553–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- DAmore:1999:IPS**
- [Devillers:2001:SB]
- Olivier Devillers and Philippe Guigue. The shuffling buffer. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(5):555–

- 572, 2001. CODEN IJCAEV. ISSN 0218-1959.
- [DG03] Maciej Dakowicz and Christopher Gold. Extracting meaningful slopes from terrain contours. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(4):339–??, August 2003. CODEN IJCAEV. ISSN 0218-1959.
- [DGN09] **Dakowicz:2003:EMS**
- [DG13] Mark De Berg and Dirk H. P. Gerrits. Computing push plans for disk-shaped robots. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(1):29–??, February 2013. CODEN IJCAEV. ISSN 0218-1959.
- [DGRS08] **Berg:2013:CPP**
- [DG16] Adrian Dumitrescu and Anirban Ghosh. Lower bounds on the dilation of plane spanners. *International Journal of Computational Geometry and Applications (IJCGA)*, 26(2):89–??, June 2016. CODEN IJCAEV. ISSN 0218-1959.
- [DH13] **Dumitrescu:2016:LBD**
- [DGL⁺00] G. Di Battista, A. Garg, G. Liotta, A. Parise, R. Tamassia, E. Tassinari, F. Vargiu, and L. Vismara. Drawing directed acyclic graphs: An experimental study. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(6):623–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- [DHT15] **DiBattista:2000:DDA**
- [Das:2009:SCS] Sandip Das, Partha P. Goswami, and Subhas C. Nandy. Smallest color-spanning object revisited. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(5):457–478, October 2009. CODEN IJCAEV. ISSN 0218-1959.
- [Dey:2008:CPD] Tamal K. Dey, Joachim Giesen, Edgar A. Ramos, and Bardia Sadri. Critical points of distance to an ϵ -sampling of a surface and flow-complex-based surface reconstruction. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(1-2):29–61, April 2008. CODEN IJCAEV. ISSN 0218-1959.
- [Dumitrescu:2013:CPC] **Dumitrescu:2013:CPC**
- [DH13] Adrian Dumitrescu and Masud Hasan. Cutting out polygons with a circular saw. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(2):127–??, April 2013. CODEN IJCAEV. ISSN 0218-1959.
- [Duque:2015:UBK] Frank Duque and Carlos Hidalgo-Toscano. An upper bound on the k -modem illumination problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(4):299–??, December 2015. CODEN IJCAEV. ISSN 0218-1959.

- | | |
|--|--|
| <div style="border: 1px solid black; padding: 5px; text-align: center;">Demaine:2010:GVU</div> <p>[DIL10] Erik D. Demaine, John Iacono, and Stefan Langerman. Grid vertex-unfolding orthostacks. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 20(3):245–254, June 2010. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Devillers:1999:OLB</div> <p>[DK99] O. Devillers and M. J. Katz. Optimal line bipartitions of point sets. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 9(1):39–??, 1999. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Durocher:2006:SCS</div> <p>[DK06] Stephane Durocher and David Kirkpatrick. The Steiner centre of a set of points: Stability, eccentricity, and applications to mobile facility location. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 16(4):345–??, August 2006. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Durocher:2008:BVA</div> <p>[DK08] Stephane Durocher and David Kirkpatrick. Bounded-velocity approximation of mobile Euclidean 2-centres. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 18(3):161–183, June 2008. CODEN IJCAEV. ISSN 0218-1959.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;">DeBerg:2012:OBS</div> <p>[DK12] Mark De Berg and Amirali Khosravi. Optimal binary space partitions for segments in the plane. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 22(3):187–??, June 2012. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Dinitz:2009:GRP</div> <p>[DKK09] Yefim Dinitz, Matthew J. Katz, and Roi Krakovski. Guarding rectangular partitions. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 19(6):579–594, December 2009. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Dehne:2005:MVR</div> <p>[DKS05] Frank Dehne, Rolf Klein, and Raimund Seidel. Maximizing a Voronoi region: the convex case. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 15(5):463–??, October 2005. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Daescu:2006:CPL</div> <p>[DL06] Ovidiu Daescu and Jun Luo. Cutting out polygons with lines and rays. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 16(2–3):227–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">DiGiacomo:2007:SEO</div> <p>[DL07] Emilio Di Giacomo and Giuseppe Liotta. Simultaneous embed-</p> |
|--|--|

- ding of outerplanar graphs, paths, and cycles. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(2):139–160, April 2007. CODEN IJCAEV. ISSN 0218-1959.
- Durocher:2013:RNS**
- [DLMS13] Stephane Durocher, Alexandre Leblanc, Jason Morrison, and Matthew Skala. Robust nonparametric simplification of polygonal chains. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(6):427–??, December 2013. CODEN IJCAEV. ISSN 0218-1959.
- Dror:2006:TSM**
- [DLOP06] Moshe Dror, Yusin Lee, James B. Orlin, and Valentin Polishchuk. The TSP and the sum of its marginal values. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(4):333–??, August 2006. CODEN IJCAEV. ISSN 0218-1959.
- Doddi:2002:PSL**
- [DMM02] Srinivas R. Doddi, Madhav V. Marathe, and Bernard M. E. Moret. Point set labeling with specified positions. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(1–2):29–??, 2002. CODEN IJCAEV. ISSN 0218-1959. URL <http://www.cs.unm.edu/~moret/papers.html>.
- [DMMH11] Thiago R. Dos Santos, Hans-Peter Meinzer, and Lena Maier-Hein. Extending the doubly linked face list for the representation of 2-pseudomanifolds and 2-manifolds with boundaries. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(4):467–494, August 2011. CODEN IJCAEV. ISSN 0218-1959.
- Santos:2011:EDL**
- [DMOW98] Mark De Berg, Henk Meijer, Mark Overmars, and Gordon Wilfong. Computing the angularity tolerance. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(4):467–??, August 1998. CODEN IJCAEV. ISSN 0218-1959.
- DeBerg:1998:CAT**
- [DMS10] Mark De Berg, Elena Mumford, and Bettina Speckmann. Optimal BSPs and rectilinear cartograms. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(2):203–222, April 2010. CODEN IJCAEV. ISSN 0218-1959.
- DeBerg:2010:OBR**
- [DN97] Gautam Das and Giri Narasimhan. A fast algorithm for constructing sparse Euclidean spanners. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(4):297–
- Das:1997:FAC**

- ??, August 1997. CODEN IJCAEV. ISSN 0218-1959.
- Dillard:2009:TGT**
- [DNW⁺09] Scott E. Dillard, Vijay Natarajan, Gunther H. Weber, Valerio Pascucci, and Bernd Hamann. Topology-guided tessellation of quadratic elements. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(2):195–211, April 2009. CODEN IJCAEV. ISSN 0218-1959.
- Demaine:2000:CGC**
- [DO00] E. D. Demaine and J. O'Rourke. Computational geometry column 37. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(1):103–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Dumitrescu:2002:PCP**
- [DP02] Adrian Dumitrescu and János Pach. Partitioning colored point sets into monochromatic parts. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(5):401–??, October 2002. CODEN IJCAEV. ISSN 0218-1959.
- Devillers:2003:CSP**
- [DP03] Olivier Devillers and Franco P. Preparata. Culling a set of points for roundness or cylindricity evaluations. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(3):231–??, June 2003. CODEN IJCAEV. ISSN 0218-1959.
- [DR02]
- [DW02]
- [EBGK⁺07]
- [EC15]
- Devillers:2002:CRE**
- Olivier Devillers and Pedro A. Ramos. Computing roundness is easy if the set is almost round. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(3):229–??, 2002. CODEN IJCAEV. ISSN 0218-1959.
- Dey:2002:FRC**
- Tamal K. Dey and Rephael Wenger. Fast reconstruction of curves with sharp corners. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(5):353–??, October 2002. CODEN IJCAEV. ISSN 0218-1959.
- Ebbers-Baumann:2007:EPS**
- Annette Ebbers-Baumann, Ansgar Grüne, Rolf Klein, Marek Karpinski, Christian Knauer, and Andrzej Lingas. Embedding point sets into plane graphs of small dilation. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(3):201–230, June 2007. CODEN IJCAEV. ISSN 0218-1959.
- Estivill-Castro:2015:IFC**
- Vladimir Estivill-Castro. Is it FPT to cover points with tours on minimum number of bends (errata)? *International Journal of Computational Geometry and Applications (IJCGA)*, 25(1):11–??, March 2015. CODEN IJCAEV. ISSN 0218-1959. See [ECHS11].

- Estivill-Castro:2011:FAM**
- [ECHS11] Vladimir Estivill-Castro, Apichat Heednacram, and Francis Suraweera. FPT-algorithms for minimum-bends tours. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(2):189–213, April 2011. CODEN IJCAEV. ISSN 0218-1959. See errata [EC15].
- Elbassioni:2011:FSC**
- [EEM11] Khaled Elbassioni, Amr Elmasry, and Kazuhisa Makino. Finding simplices containing the origin in two and three dimensions. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(5):495–506, October 2011. CODEN IJCAEV. ISSN 0218-1959.
- Eisenbrand:2007:PTN**
- [EFK⁺07] Friedrich Eisenbrand, Stefan Funke, Andreas Karrenbauer, Joachim Reichel, and Elmar Schömer. Packing a truck — now with a twist! *International Journal of Computational Geometry and Applications (IJCGA)*, 17(5):505–527, October 2007. CODEN IJCAEV. ISSN 0218-1959.
- Eisenbrand:2008:EAS**
- [EFKM08] Friedrich Eisenbrand, Stefan Funke, Andreas Karrenbauer, and Domagoj Matijevic. Energy-aware stage illumination. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(2):173–193, April 2009. CODEN IJCAEV. ISSN 0218-1959.
- Applications (IJCGA), 18(1-2):107–129, April 2008. CODEN IJCAEV. ISSN 0218-1959.**
- Emiris:2013:OBO**
- [EFKP13] Ioannis Z. Emiris, Vissarion Fisikopoulos, Christos Konaxis, and Luis Peñaranda. An oracle-based, output-sensitive algorithm for projections of resultant polytopes. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(4–5):397–??, 2013. CODEN IJCAEV. ISSN 0218-1959.
- Efrat:2008:GEF**
- [Efr08] Alon Efrat. Guest Editor’s foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 18 (1-2):1–2, April 2008. CODEN IJCAEV. ISSN 0218-1959.
- Elbassioni:2009:AAE**
- [EFS09] Khaled Elbassioni, Aleksei V. Fishkin, and René Sitters. Approximation algorithms for the Euclidean traveling salesman problem with discrete and continuous neighborhoods. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(2):173–193, April 2009. CODEN IJCAEV. ISSN 0218-1959.
- Eppstein:2008:SQD**
- [EGS08] David Eppstein, Michael T. Goodrich, and Jonathan Z. Sun. Skip quadtrees: Dynamic data structures for multidimensional point sets. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(2):173–193, April 2009. CODEN IJCAEV. ISSN 0218-1959.

- ternational Journal of Computational Geometry and Applications (IJCGA)*, 18(1-2):131–160, April 2008. CODEN IJCAEV. ISSN 0218-1959.
- Everett:2007:ESV**
- [ELPZ07] Hazel Everett, Sylvain Lazard, Sylvain Petitjean, and Linqiao Zhang. On the expected size of the 2D visibility complex. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(4):361–381, August 2007. CODEN IJCAEV. ISSN 0218-1959.
- Emiris:1998:CIC**
- [Emi98] Ioannis Z. Emiris. A complete implementation for computing general dimensional convex hulls. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(2):223–??, April 1998. CODEN IJCAEV. ISSN 0218-1959.
- Evans:1998:SCM**
- [EMM98] Guy Evans, Alan Middleditch, and Nick Miles. Stable computation of the 2D medial axis transform. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(5–6):577–??, October–December 1998. CODEN IJCAEV. ISSN 0218-1959.
- Eppstein:1997:FCP**
- [Epp97] David Eppstein. Faster circle packing with application to nonobtuse triangulation. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(5):485–??, October 1997. CODEN IJCAEV. ISSN 0218-1959.
- Edelsbrunner:1997:TTS**
- Herbert Edelsbrunner and Nimish R. Shah. Triangulating topological spaces. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(4):365–??, August 1997. CODEN IJCAEV. ISSN 0218-1959.
- Ensz:1998:IMG**
- Mark T. Ensz, Duane W. Storti, and Mark A. Ganter. Implicit methods for geometry creation. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(5–6):509–??, October–December 1998. CODEN IJCAEV. ISSN 0218-1959.
- ElOraiby:2011:CTS**
- Wael El Oraiby, Dominique Schmitt, and Jean-Claude Spehner. Centroid triangulations from k -sets. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(6):635–659, December 2011. CODEN IJCAEV. ISSN 0218-1959.
- Emiris:2008:PEV**
- [ESS11] Ioannis Z. Emiris, Elias P. Tsigaridas, and George M. Tzoumas. The predicates for
- [ETT08]

- the exact Voronoi diagram of ellipses under the Euclidean metric. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(6):567–597, December 2008. CODEN IJCAEV. ISSN 0218-1959.
- Eppstein:2015:IGM**
- [EvKSS15] David Eppstein, Marc van Kreveld, Bettina Speckmann, and Frank Staals. Improved grid map layout by point set matching. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(2):??, June 2015. CODEN IJCAEV. ISSN 0218-1959.
- Edelsbrunner:2000:ASG**
- [EW00] H. Edelsbrunner and R. Waupotitsch. Adaptive simplicial grids from cross-sections of monotone complexes. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(3):267–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Fischer:2004:SEB**
- [FG04] Kaspar Fischer and Bernd Gärtner. The smallest enclosing ball of balls: Combinatorial structure and algorithms. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(4–5):341–??, October 2004. CODEN IJCAEV. ISSN 0218-1959.
- Frahling:2008:SDD**
- [FIS08] Gereon Frahling, Piotr Indyk, and Christian Sohler. Sampling in dynamic data streams and applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(1–2):3–28, April 2008. CODEN IJCAEV. ISSN 0218-1959.
- Fleischer:2006:GEF**
- [Fle06] Rudolf Fleischer. Guest Editor’s foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(2–3):95–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.
- Fekete:1997:HDS**
- [FM97] S. P. Fekete and J. S. B. Mitchell. Histogram decomposition and stereolithography. *International Journal of Computational Geometry and Applications (IJCGA)*, ??(??):??, 1997. CODEN IJCAEV. ISSN 0218-1959.
- Fekete:1999:RBV**
- [FM99] S. P. Fekete and H. Meijer. Rectangle and box visibility graphs in 3D. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(1):1–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Fekete:2001:TDL**
- [FM01] Sándor P. Fekete and Joseph S. B. Mitchell. Terrain decomposition and layered manufacturing. *International Journal of Computational Geometry and Applications (IJCGA)*, 11

- (6):647–??, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Fabila-Monroy:2014:NNO**
- [FMHT14] Ruy Fabila-Monroy, Clemens Huemer, and Eulàlia Tramuns. Note on the number of obtuse angles in point sets. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(3):177–??, September 2014. CODEN IJCAEV. ISSN 0218-1959.
- Funke:2005:FPR**
- [FMR05] Stefan Funke, Theocharis Malamatos, and Rahul Ray. Finding planar regions in a terrain – in practice and with a guarantee. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(4):379–??, August 2005. CODEN IJCAEV. ISSN 0218-1959.
- Falconer:2005:MLR**
- [FN05] Sean M. Falconer and Bradford G. Nickerson. On multi-level k -ranges for range search. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(6):565–??, December 2005. CODEN IJCAEV. ISSN 0218-1959.
- Freitag:2000:CBA**
- [FOG00] L. A. Freitag and C. Ollivier-Gooch. A cost/benefit analysis of simplicial mesh improvement techniques as measured by solution efficiency. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(4):361–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Fortune:1995:NSA**
- [For95] S. J. Fortune. Numerical stability of algorithms for 2D Delaunay triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 5(??):193–213, 1995. CODEN IJCAEV. ISSN 0218-1959.
- Fortune:1997:EF**
- [For97] Steven Fortune. Editor’s foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(4):269–??, August 1997. CODEN IJCAEV. ISSN 0218-1959.
- Fu:2008:MDW**
- [FOX08] Bin Fu, Sorinel A. Oprisan, and Lizhe Xu. Multi-directional width-bounded geometric separator and protein folding. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(5):389–413, October 2008. CODEN IJCAEV. ISSN 0218-1959.
- Fjallstrom:1998:ERS**
- [FPNZ98] Per-Olof Fjällström, Jan Petersson, Lars Gunnar Nilsson, and Zhi-Hua Zhong. Evaluation of range searching methods for contact searching in mechanical engineering. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(1):67–??,

- February 1998. CODEN IJCAEV. ISSN 0218-1959.
- Farouki:1998:SPC**
- [FR98] Rida T. Farouki and Rakesh Ramamurthy. Specified-precision computation of curve/curve bisectors. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(5–6):599–??, October–December 1998. CODEN IJCAEV. ISSN 0218-1959.
- Frati:2008:MAP**
- [Fra08] Fabrizio Frati. On minimum area planar upward drawings of directed trees and other families of directed acyclic graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(3):251–271, June 2008. CODEN IJCAEV. ISSN 0218-1959.
- Frahling:2008:FKM**
- [FS08] Gereon Frahling and Christian Sohler. A fast k -means implementation using coresets. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(6):605–625, December 2008. CODEN IJCAEV. ISSN 0218-1959.
- Follert:1997:CLE**
- [FSS⁺97] Frank Follert, Elmar Schömer, Jürgen Sellen, Michiel Smid, and Christian Thiel. Computing a largest empty anchored cylinder, and related problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(6):563–??, December 1997. CODEN IJCAEV. ISSN 0218-1959.
- Fink:2003:PSV**
- Eugene Fink and Derick Wood. Planar strong visibility. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(2):173–??, April 2003. CODEN IJCAEV. ISSN 0218-1959.
- Gavrilova:2005:GEF**
- Marina L. Gavrilova. Guest Editors’ foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(2):99–??, April 2005. CODEN IJCAEV. ISSN 0218-1959.
- Gavrilova:2009:DSM**
- Marina L. Gavrilova. Determining a set of maximum inscribed rectangles for label placement in a region. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(4):341–356, August 2009. CODEN IJCAEV. ISSN 0218-1959.
- Gavrilova:2009:ESC**
- Marina L. Gavrilova. An explicit solution for computing the vertices of the Euclidean d -dimensional Voronoi diagram of spheres in a floating-point arithmetic. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(5):415–424, October 2009.

- CODEN IJCAEV. ISSN 0218-1959.
- Grossman:2013:MCC**
- [GBRT13] P. A. Grossman, M. Brazil, J. H. Rubinstein, and D. A. Thomas. Minimal curvature-constrained paths in the plane with a constraint on arcs with opposite orientations. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(3):171–??, June 2013. CODEN IJCAEV. ISSN 0218-1959.
- Ganley:1997:ICO**
- [GC97] Joseph L. Ganley and J. P. Co-hoon. Improved computation of optimal rectilinear Steiner minimal trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(5):457–??, October 1997. CODEN IJCAEV. ISSN 0218-1959.
- Guibas:1998:PAP**
- [GHH⁺98] Leonidas J. Guibas, Dan Halperin, Hirohisa Hirukawa, Jean-Claude Latombe, and Randall H. Wilson. Polyhedral assembly partitioning using maximally covered cells in arrangements of convex polytopes. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(2):179–??, April 1998. CODEN IJCAEV. ISSN 0218-1959.
- Galtier:2003:SEF**
- [GHN⁺03] Jérôme Galtier, Ferran Hurtado, Marc Noy, Stéphane Pérennes, and Jorge Urrutia. Simultaneous edge flipping in triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(2):113–??, April 2003. CODEN IJCAEV. ISSN 0218-1959.
- Gupta:2012:CSL**
- [GIPR12] Rishi Gupta, Piotr Indyk, Eric Price, and Yaron Rachlin. Compressive sensing with local geometric features. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(4):365–??, August 2012. CODEN IJCAEV. ISSN 0218-1959.
- Giesen:2003:SFD**
- [GJS03] Joachim Giesen, Matthias John, and Michel Stöcklin. Symmetry of flow diagrams derived from weighted points in the plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(4):327–??, August 2003. CODEN IJCAEV. ISSN 0218-1959.
- Gupta:2009:ENI**
- [GJS09] Prosenjit Gupta, Ravi Janardan, and Michiel Smid. Efficient non-intersection queries on aggregated geometric data. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(6):479–506, December 2009. CODEN IJCAEV. ISSN 0218-1959.

- Gupta:1997:REP**
- [GJSD97] Prosenjit Gupta, Ravi Janardan, Michiel Smid, and Bhaskar Dasgupta. The rectangle enclosure and point-dominance problems revisited. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(5):437–??, October 1997. CODEN IJCAEV. ISSN 0218-1959.
- Giannopoulos:2010:CGM**
- [GKK⁺10] Panos Giannopoulos, Rolf Klein, Christian Knauer, Martin Kutz, and Dániel Marx. Computing geometric minimum-dilation graphs is NP-hard. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(2):147–173, April 2010. CODEN IJCAEV. ISSN 0218-1959.
- Glozman:1999:CDR**
- [GKS99] A. Glozman, K. Kedem, and G. Shpitalnik. Computing a double-ray center for a planar point set. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(2):109–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Guibas:1999:VBP**
- [GLL⁺99] Leonidas J. Guibas, Jean-Claude Latombe, Steven M. LaValle, David Lin, and Rajeev Motwani. A visibility-based pursuit-evasion problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(4–5):471–??,
- Gray:2010:SIT**
- [GLS10] Chris Gray, Maarten Löffler, and Rodrigo I. Silveira. Smoothly imprecise 1.5D terrains. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(4):381–414, August 2010. CODEN IJCAEV. ISSN 0218-1959.
- Guibas:1998:RAD**
- [GM98] Leonidas J. Guibas and David H. Marimont. Rounding arrangements dynamically. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(2):157–??, April 1998. CODEN IJCAEV. ISSN 0218-1959.
- Goldwasser:1999:CMA**
- [GM99] Michael H. Goldwasser and Rajeev Motwani. Complexity measures for assembly sequences. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(4–5):371–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Gao:2006:GEF**
- [GM06] Xiao-Shan Gao and Dominique Michelucci. Guest Editors’ foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):377–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.

- Grove:1999:OCM**
- [GMV99] E. F. Grove, T. M. Murali, and J. S. Vitter. The object complexity model for hidden-surface removal. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(2):207–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Gosselin:2011:CCD**
- [GOG11] Serge Gosselin and Carl Ollivier-Gooch. Constructing constrained Delaunay tetrahedralizations of volumes bounded by piecewise smooth surfaces. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(5):571–594, October 2011. CODEN IJCAEV. ISSN 0218-1959.
- Goodrich:1998:IRS**
- [Goo98] Michael T. Goodrich. An improved ray shooting method for constructive solid geometry models via tree contraction. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(1):1–??, February 1998. CODEN IJCAEV. ISSN 0218-1959.
- Garg:2003:AEO**
- [GR03a] Ashim Garg and Adrian Rusu. Area-efficient order-preserving planar straight-line drawings of ordered trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(6):487–??,
- December 2003. CODEN IJCAEV. ISSN 0218-1959.**
- Gavrilova:2003:CDO**
- [GR03b] Marina L. Gavrilova and Jon Rokne. Collision detection optimization in a multi-particle system. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(4):279–??, August 2003. CODEN IJCAEV. ISSN 0218-1959.
- Gabriely:2010:CCM**
- [GR10] Yoav Gabriely and Elon Rimon. Competitive complexity of mobile robot on-line motion planning problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(3):255–283, June 2010. CODEN IJCAEV. ISSN 0218-1959.
- Giesen:2008:MAA**
- [GRS08] Joachim Giesen, Edgar A. Ramos, and Bardia Sadri. Medial axis approximation and unstable flow complex. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(6):533–565, December 2008. CODEN IJCAEV. ISSN 0218-1959.
- Gorke:2008:CCV**
- [GSW08] Robert Görke, Chan-Su Shin, and Alexander Wolff. Constructing the city Voronoi diagram faster. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(4):275–294,

- August 2008. CODEN IJCAEV. ISSN 0218-1959.
- Guo:2011:GCA**
- [GSZ11] Zeyu Guo, He Sun, and Hong Zhu. Greedy construction of 2-approximate minimum Manhattan networks. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(3):331–350, June 2011. CODEN IJCAEV. ISSN 0218-1959.
- Guha:2005:JSG**
- [Guh05] Sumanta Guha. Joint separation of geometric clusters and the extreme irregularities of regular polyhedra. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(5):491–??, October 2005. CODEN IJCAEV. ISSN 0218-1959.
- Goldman:2004:UIE**
- [GW04] Ron Goldman and Wenping Wang. Using invariants to extract geometric characteristics of conic sections from rational quadratic parameterizations. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(3):161–??, June 2004. CODEN IJCAEV. ISSN 0218-1959.
- Harrington:2007:OVD**
- [HDY07] Paul Harrington, Colm Ó. Dúnlaithe, and Chee K. Yap. Optimal Voronoi diagram construction with n convex sites in three dimensions. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(6):555–593, December 2007. CODEN IJCAEV. ISSN 0218-1959.
- Hershberger:2001:GEF**
- [Her01] John Hershberger. Guest Editor’s foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(3):243–244, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Heimlich:2008:BAS**
- [HH08] Martin Heimlich and Martin Held. Biarc approximation, simplification and smoothing of polygonal curves by means of Voronoi-based tolerance bands. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(3):221–250, June 2008. CODEN IJCAEV. ISSN 0218-1959.
- Huber:2012:FSS**
- [HH12] Stefan Huber and Martin Held. A fast straight-skeleton algorithm based on generalized motorcycle graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(5):471–??, October 2012. CODEN IJCAEV. ISSN 0218-1959.
- Huber:2014:TPW**
- [HHMK14] Stefan Huber, Martin Held, Peter Meerwald, and Roland Kwitt. Topology-preserving watermarking of vector graphics. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(1):1–??, February 2014. CODEN IJCAEV. ISSN 0218-1959.

- Applications (IJCGA)*, 24(1):61–??, March 2014. CODEN IJCAEV. ISSN 0218-1959.
- [HLM99] Hisamoto Hiyoshi. Stable computation of natural neighbor interpolation. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(4):321–341, August 2008. CODEN IJCAEV. ISSN 0218-1959.
- [Hiy08] Hisamoto Hiyoshi. Stable computation of natural neighbor interpolation. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(4):321–341, August 2008. CODEN IJCAEV. ISSN 0218-1959.
- [Hert:1997:PCR] Susan Hert and Vladimir Lumelsky. Planar curve routing for tethered-robot motion planning. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(3):225–??, June 1997. CODEN IJCAEV. ISSN 0218-1959.
- [HL97] Susan Hert and Vladimir Lumelsky. Planar curve routing for tethered-robot motion planning. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(3):225–??, June 1997. CODEN IJCAEV. ISSN 0218-1959.
- [Hert:1998:PAD] Susan Hert and Vladimir Lumelsky. Polygon area decomposition for multiple-robot workspace division. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(4):437–??, August 1998. CODEN IJCAEV. ISSN 0218-1959.
- [HL98] Susan Hert and Vladimir Lumelsky. Polygon area decomposition for multiple-robot workspace division. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(4):437–??, August 1998. CODEN IJCAEV. ISSN 0218-1959.
- [Halperin:2004:CPA] Dan Halperin and Eran Leiserson. Controlled perturbation for arrangements of circles. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(4–5):277–??, October 2004. CODEN IJCAEV. ISSN 0218-1959.
- [HN11] Dan Halperin and Eran Leiserson. Controlled perturbation for arrangements of circles. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(4–5):277–??, October 2004. CODEN IJCAEV. ISSN 0218-1959.
- Hsu:1999:PPE**
David Hsu, Jean-Claude Latombe, and Rajeev Motwani. Path planning in expansive configuration spaces. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(4–5):495–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Hurtado:2014:TVM**
Ferran Hurtado, Maarten Löffler, Inês Matos, Vera Sacristán, Maria Saumell, Rodrigo I. Silveira, and Frank Staals. Terrain visibility with multiple viewpoints. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(4):275–??, December 2014. CODEN IJCAEV. ISSN 0218-1959.
- Hurtado:2013:PDH**
Ferran Hurtado, Giuseppe Liotta, and David R. Wood. Proximity drawings of high-degree trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(3):213–??, June 2013. CODEN IJCAEV. ISSN 0218-1959.
- Hong:2011:GEF**
Seok-Hee Hong and Hiroshi Nagamochi. Guest Editors’ foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(3):251–252, June 2011. CODEN IJCAEV. ISSN 0218-1959.

- DEN IJCAEV. ISSN 0218-1959.
- Hanniel:2007:PVC**
- [HREK07] I. Hanniel, M. Ramanathan, G. Elber, and M.-S. Kim. Precise Voronoi cell extraction of free-form planar piecewise C^1 -continuous closed rational curves. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(5):453–486, October 2007. CODEN IJCAEV. ISSN 0218-1959.
- Ha:2002:EAR**
- [HS02] Jong-Sung Ha and Sung-Yong Shin. Edge advancing rules for intersecting spherical convex polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(3):207–??, 2002. CODEN IJCAEV. ISSN 0218-1959.
- Hong:1998:TBC**
- [HSKK98] Mu Hong, Thomas W. Sederberg, Krzysztof S. Klimaszewski, and Kazufumi Kaneda. Triangulation of branching contours using area minimization. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(4):389–??, August 1998. CODEN IJCAEV. ISSN 0218-1959.
- Hurtado:2005:RBS**
- [HSS05] Ferran Hurtado, Carlos Seara, and Saurabh Sethia. Red-blue separability problems in 3D. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(2):167–??, April 2005. CODEN IJCAEV. ISSN 0218-1959.
- Hoffmann:1991:EES**
- C. M. Hoffmann and P. J. Vermeer. Eliminating extraneous solutions in curve and surface operations. *International Journal of Computational Geometry and Applications (IJCGA)*, 1(??):47–66, 1991. CODEN IJCAEV. ISSN 0218-1959.
- Hurtado:2012:GEF**
- Ferran Hurtado and Marc Van Kreveld. Guest Editors’ foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(4):277–??, August 2012. CODEN IJCAEV. ISSN 0218-1959.
- Iacono:2012:SOT**
- John Iacono and Wolfgang Mulzer. A static optimality transformation with applications to planar point location. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(4):327–??, August 2012. CODEN IJCAEV. ISSN 0218-1959.
- Imai:2002:ETG**
- Hiroshi Imai, Tomonari Masada, Fumihiko Takeuchi, and Keiko Imai. Enumerating triangulations in general dimensions. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(6):455–??, 2002. CODEN IJCAEV. ISSN 0218-1959.

- | | |
|---|---|
| <div style="border: 1px solid black; padding: 5px; text-align: center;">Janardan:1993:MWD</div> <p>[Jan93] R. Janardan. On maintaining the width and diameter of a planar point-set online. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 3(??):331–344, 1993. CODEN IJCAEV. ISSN 0218-1959. See also <i>2nd Int. Symp. Algorithms</i>, 1991, pp. 137–149.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Jiao:2004:OSMa</div> <p>[JH04a] Xiangmin Jiao and Michael T. Heath. Overlaying surface meshes, Part I: Algorithms. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 14(6):379–??, December 2004. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Jiao:2004:OSMb</div> <p>[JH04b] Xiangmin Jiao and Michael T. Heath. Overlaying surface meshes, Part II: Topology preservation and feature matching. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 14(6):403–??, December 2004. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Jiang:2015:CPM</div> <p>[Jia15] Minghui Jiang. On covering points with minimum turns. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 25(1):1–??, March 2015. CODEN IJCAEV. ISSN 0218-1959.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;">Jackson:2006:RFD</div> <p>[JJ06] Bill Jackson and Tibor Jordán. On the rank function of the 3-dimensional rigidity matroid. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 16(5–6):415–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Jackson:2010:OPG</div> <p>[JJ10] Bill Jackson and Tibor Jordán. Operations preserving global rigidity of generic direction-length frameworks. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 20(6):685–706, December 2010. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Jabbour:1998:DRA</div> <p>[JMM98] Toni Jabbour, Christian Mascole, and Roland Maranzana. A database for the representation of assembly features in mechanical products. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 8(5–6):483–??, October–December 1998. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Jiang:2009:FPA</div> <p>[JS09] D. Jiang and N. F. Stewart. Floating-point arithmetic for computational geometry problems with uncertain data. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 19(4):371–385,</p> |
|---|---|

- August 2009. CODEN IJCAEV. ISSN 0218-1959.
- Jermann:2006:DGC**
- [JTNM06] Christophe Jermann, Gilles Trombettoni, Bertrand Neveu, and Pascal Mathis. Decomposition of geometric constraint systems: a survey. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):379–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.
- Kant:1997:MCV**
- [Kan97a] Goos Kant. A more compact visibility representation. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(3):197–??, June 1997. CODEN IJCAEV. ISSN 0218-1959.
- Kantabutra:1997:RPU**
- [Kan97b] Vinit Kantabutra. Reaching a point with an unanchored robot arm in a square. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(6):539–??, December 1997. CODEN IJCAEV. ISSN 0218-1959.
- Kim:2011:CPS**
- [KBA11] Sang-Sub Kim, Sang Won Bae, and Hee-Kap Ahn. Covering a point set by two disjoint rectangles. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(3):313–330, June 2011. CODEN IJCAEV. ISSN 0218-1959.
- [KC97]
- [Kei97]
- [KG14]
- [Kim09]
- [Kir07]
- Kedem:1997:EBR**
- Klara Kedem and Daniel Cohen. Efficient bitmap resemblance under translations. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(1–2):57–??, February–April 1997. CODEN IJCAEV. ISSN 0218-1959.
- Keil:1997:COP**
- J. Mark Keil. Covering orthogonal polygons with non-piercing rectangles. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(5):473–??, October 1997. CODEN IJCAEV. ISSN 0218-1959.
- Khopkar:2014:HRC**
- Abhijeet Khopkar and Sathish Govindarajan. Hardness results for computing optimal locally Gabriel graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(2):153–??, June 2014. CODEN IJCAEV. ISSN 0218-1959.
- Kim:2009:GEF**
- Deok-Soo Kim. Guest Editor’s foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(5):387–388, October 2009. CODEN IJCAEV. ISSN 0218-1959.
- Kirchner:2007:FCS**
- Stefan Kirchner. An FPTAS for computing the similarity

- of three-dimensional point sets. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(2):161–174, April 2007. CODEN IJCAEV. ISSN 0218-1959.
- Kaneko:2005:SBP**
- [KK05] Atsushi Kaneko and Mikio Kano. Semi-balanced partitions of two sets of points and embeddings of rooted forests. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(3):229–??, June 2005. CODEN IJCAEV. ISSN 0218-1959.
- Kumar:2010:AOS**
- [KK10] Pankaj Kumar and Piyush Kumar. Almost optimal solutions to k -clustering problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(4):431–447, August 2010. CODEN IJCAEV. ISSN 0218-1959.
- Kim:2005:EVD**
- [KKS05] Donguk Kim, Deok-Soo Kim, and Kokichi Sugihara. Euclidean Voronoi diagram for circles in a circle. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(2):209–??, April 2005. CODEN IJCAEV. ISSN 0218-1959.
- Kaneko:2000:AHC**
- [KKY00] A. Kaneko, M. Kano, and K. Yoshimoto. Alternating Hamilton cycles with minimum number of crossings in the plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(1):73–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Kamphans:2010:LUM**
- [KL10a] Tom Kamphans and Elmar Langetepe. Leaving an unknown maze using an error-prone compass. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(3):307–325, June 2010. CODEN IJCAEV. ISSN 0218-1959.
- Kapoor:2010:PSG**
- [KL10b] Sanjiv Kapoor and Xiang-Yang Li. Proximity structures for geometric graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(4):415–429, August 2010. CODEN IJCAEV. ISSN 0218-1959.
- Katz:2011:GOA**
- [KM11] Matthew J. Katz and Gila Morgenstern. Guarding orthogonal art galleries with sliding cameras. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(2):241–250, April 2011. CODEN IJCAEV. ISSN 0218-1959.
- Krishnan:2001:BBE**
- [KMG⁺01] S. Krishnan, D. Manocha, M. Gopi, T. Culver, and J. Keyser. BOOLE: a boundary evaluation system for Boolean combinations of sculptured

- solids. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(1):105–??, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Keil:2000:VSD**
- [KMW00] M. Keil, D. M. Mount, and S. K. Wismath. Visibility stabs and depth-first spiralling on line segments in output sensitive time. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(5):535–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Kanamaru:1994:EEG**
- [KNA94] Naoyoshi Kanamaru, Takao Nishizeki, and Tetsuo Asano. Efficient enumeration of grid points in a convex polygon and its application to integer programming. *International Journal of Computational Geometry and Applications (IJCGA)*, 4(1):69–85, 1994. CODEN IJCAEV. ISSN 0218-1959.
- Koike:2002:LPR**
- [KNN⁺02] Atsushi Koike, Shin-Ichi Nakano, [KS05] Takao Nishizeki, Takeshi Tokuyama, [KS07] and Shuhei Watanabe. Labeling points with rectangles of various shapes. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(6):511–??, 2002. CODEN IJCAEV. ISSN 0218-1959.
- Khandhawit:2013:LBC**
- [KPS13] Tirasan Khandhawit, Dimitrios Pagonakis, and Sira Srivwasdi.
- Lower bound for convex hull area and universal cover problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(3):197–??, June 2013. CODEN IJCAEV. ISSN 0218-1959.
- Kirkpatrick:1999:CCS**
- D. Kirkpatrick and J. Snoeyink. Computing constrained shortest segments: Butterfly wingspans in logarithmic time. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(1):53–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Keil:2002:TBC**
- Mark Keil and Jack Snoeyink. On the time bound for convex decomposition of simple polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(3):181–??, 2002. CODEN IJCAEV. ISSN 0218-1959.
- Kanda:2005:TDR**
- Takeshi Kanda and Kokichi Sugihara. Two-dimensional range search based on the Voronoi diagram. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(2):151–??, April 2005. CODEN IJCAEV. ISSN 0218-1959.
- Kobbelt:2007:GEF**
- Leif Kobbelt and Vadim Shapiro. Guest Editor’s foreword. *International Journal of*

- Computational Geometry and Applications (IJCGA)*, 17(5):401–402, October 2007. CODEN IJCAEV. ISSN 0218-1959.
- Kramer:2010:MOM**
- [KS10] Josh Brown Kramer and Lucas Sabalka. Multidimensional online motion planning for a spherical robot. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(6):653–684, December 2010. CODEN IJCAEV. ISSN 0218-1959.
- Knauer:2011:ANN**
- [KS11] Christian Knauer and Marc Scherfenberg. Approximate nearest neighbor search under translation invariant Hausdorff distance. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(3):369–381, June 2011. CODEN IJCAEV. ISSN 0218-1959.
- Kaplan:2013:FLE**
- [KS13] Haim Kaplan and Micha Sharir. Finding the largest empty disk containing a query point. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(4–5):335–??, 2013. CODEN IJCAEV. ISSN 0218-1959.
- Kusakari:1999:SPP**
- [KSN99] Y. Kusakari, H. Suzuki, and T. Nishizeki. A shortest pair of paths on the plane with obstacles and crossing areas. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(2):151–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Kirkpatrick:2002:KCD**
- [KSS02] David Kirkpatrick, Jack Snoeyink, and Bettina Speckmann. Kinetic collision detection for simple polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(1–2):3–??, 2002. CODEN IJCAEV. ISSN 0218-1959.
- Kim:2001:LRM**
- [KSY⁺01] Sung Kwon Kim, Chan-Su Shin, Tae-Cheon Yang, et al. Labeling a rectilinear map with sliding labels. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(2):167–179, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Kakoulis:2003:UAA**
- [KT03] Konstantinos G. Kakoulis and Ioannis G. Tollis. A unified approach to automatic label placement. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(1):23–??, February 2003. CODEN IJCAEV. ISSN 0218-1959.
- Katoh:2002:PPO**
- [KTT02] Naoki Katoh, Hisao Tamaki, and Takeshi Tokuyama. Parametric polymatroid optimization and its geometric applic-

- cations. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(5):429–??, October 2002. CODEN IJCAEV. ISSN 0218-1959.
- Kranakis:1999:ITS**
- [KU99] E. Kranakis and J. Urrutia. Isomorphic triangulations with small number of Steiner points. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(2):171–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Kano:2010:BSB**
- [KU10] M. Kano and Miyuki Uno. Balanced subdivisions with boundary condition of two sets of points in the plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(5):527–541, October 2010. CODEN IJCAEV. ISSN 0218-1959.
- Kirkpatrick:2014:PTA**
- [KYZ14] David Kirkpatrick, Boting Yang, and Sandra Zilles. A polynomial-time algorithm for computing the resilience of arrangements of ray sensors. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(3):225–??, September 2014. CODEN IJCAEV. ISSN 0218-1959.
- Kameda:2010:FAD**
- [KZ10] Tsunehiko Kameda and John Z. Zhang. Finding all door locations that make a room search-
- [Lab08]
- Labelle:2008:SRL**
- François Labelle. Sliver removal by lattice refinement. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(6):509–532, December 2008. CODEN IJCAEV. ISSN 0218-1959.
- Liu:2015:OSI**
- David J. T. Liu and Qiang Du. Optimization of subdivision invariant tetrahedra. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(1):37–??, March 2015. CODEN IJCAEV. ISSN 0218-1959.
- Lee:2003:CEN**
- D. T. Lee. Chief editor’s notice. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(1):1–??, February 2003. CODEN IJCAEV. ISSN 0218-1959.
- Linhart:2003:ESL**
- [LHHHP03] Chaim Linhart, Dan Halperin, Iddo Hanniel, and Sariel Har-Peled. An experimental study of on-line methods for zone construction in arrangements of lines in the plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(6):463–??,

- December 2003. CODEN IJCAEV. ISSN 0218-1959.
- Luo:2011:MSS**
- [LLCC11] Cheng-Wei Luo, Hsiao-Fei Liu, Peng-An Chen, and Kun-Mao Chao. Minkowski sum selection and finding. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(3):283–311, June 2011. CODEN IJCAEV. ISSN 0218-1959.
- Lin:1997:ECD**
- [LM97] Ming Lin and Dinesh Manocha. Efficient contact determination in dynamic environments. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(1–2):123–??, February–April 1997. CODEN IJCAEV. ISSN 0218-1959.
- Lin:1998:GEF**
- [LM98] Ming C. Lin and Dinesh Manocha. Guest Editors’ foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(4):385–??, August 1998. CODEN IJCAEV. ISSN 0218-1959.
- Loffler:2011:ECT**
- [Löf11] Maarten Löffler. Existence and computation of tours through imprecise points. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(1):1–24, February 2011. CODEN IJCAEV. ISSN 0218-1959.
- [LOS01] [LPC00] [LR00] [LS08] [LSB04]
- Lopez-Ortiz:2001:LBS**
- Alejandro López-Ortiz and Sven Schuierer. Lower bounds for streets and generalized streets. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(4):401–421, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Lee:2000:SPR**
- J.-H. Lee, S.-M. Park, and K.-Y. Chwa. Searching a polygonal room with one door by a 1-searcher. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(2):201–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Lopez:2000:EAC**
- M. A. Lopez and S. Reisner. Efficient approximation of convex polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(5):445–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Liu:2008:FPS**
- Yuanxin Liu and Jack Snoeyink. Faraway point: a sentinel point for Delaunay computation. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(4):343–355, August 2008. CODEN IJCAEV. ISSN 0218-1959.
- Lienhardt:2004:CPS**
- Pascal Lienhardt, Xavier Skapin, and Antoine Bergey. Cartesian product of simplicial and

- cellular structures. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(3):115–??, June 2004. CODEN IJCAEV. ISSN 0218-1959.
- Lee:1998:GDV**
- [LSS98] D. T. Lee, Chin-Fang Shen, and Dennis S. Sheu. Geosheet: a distributed visualization tool for geometric algorithms. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(2):119–??, April 1998. CODEN IJCAEV. ISSN 0218-1959.
- Lavalle:2002:ASP**
- [LSS02] Steven M. Lavalle, Borislav H. Simov, and Giora Slutzki. An algorithm for searching a polygonal region with a flashlight. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(1–2):87–??, 2002. CODEN IJCAEV. ISSN 0218-1959.
- Li:2004:ECL**
- [LW04] Xiang-Yang Li and Yu Wang. Efficient construction of low weighted bounded degree planar spanner. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(1–2):69–??, April 2004. CODEN IJCAEV. ISSN 0218-1959.
- Lingas:2012:LTA**
- [LWŻ12] Andrzej Lingas, Agnieszka Wąsylewicz, and Paweł Żyliński. Linear-time 3-approximation algorithm for the r -star covering problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(2):103–??, April 2012. CODEN IJCAEV. ISSN 0218-1959.
- Lee:1997:FRP**
- [LYW97] D. T. Lee, C. D. Yang, and C. K. Wong. Finding rectilinear paths among obstacles in a two-layer interconnection model. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(6):581–??, December 1997. CODEN IJCAEV. ISSN 0218-1959.
- Maftuleac:2014:ADP**
- [Maf14] Daniela Maftuleac. Algorithms for distance problems in planar complexes of global nonpositive curvature. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(1):1–??, March 2014. CODEN IJCAEV. ISSN 0218-1959.
- Malandain:2002:CDP**
- [MB02] Grégoire Malandain and Jean-Daniel Boissonnat. Computing the diameter of a point set. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(6):489–??, 2002. CODEN IJCAEV. ISSN 0218-1959.
- Manocha:1991:NAS**
- [MC91] Dinesh Manocha and John F. Canny. A new approach to

- surface intersection. *International Journal of Computational Geometry and Applications (IJCGA)*, 1(4):491–516, 1991. CODEN IJCAEV. ISSN 0218-1959. URL <ftp://ftp.cs.unc.edu/pub/users/manocha/PAPERS/INTERSECT/IJCGA.pdf>; <ftp://ftp.cs.unc.edu/pub/users/manocha/PAPERS/INTERSECT/IJCGA.ps>.
- Michelucci:2006:IBT**
- [MF06] Dominique Michelucci and Sebti Foufou. Interval-based tracing of strange attractors. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(1):27–??, February 2006. CODEN IJCAEV. ISSN 0218-1959.
- Menon:1998:FFM**
- [MG98] Jai Menon and Baining Guo. Free-form modeling in bilateral Brep and CSG representation schemes. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(5–6):537–??, October–December 1998. CODEN IJCAEV. ISSN 0218-1959.
- Mahapatra:2015:PTA**
- [MGD15] Priya Ranjan Sinha Mahapatra, Partha P. Goswami, and Sandip Das. Placing two axis-parallel squares to maximize the number of enclosed points. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(4):263–??,
- [MGR09] December 2015. CODEN IJCAEV. ISSN 0218-1959.
- Mukhopadhyay:2009:ISI**
- Asish Mukhopadhyay, Eugene Greene, and S. V. Rao. On intersecting a set of isothetic line segments with a convex polygon of minimum area. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(6):557–577, December 2009. CODEN IJCAEV. ISSN 0218-1959.
- Muller-Hannemann:2000:HQQ**
- M. Müller-Hannemann. High quality quadrilateral surface meshing without template restrictions: a new approach based on network flow techniques. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(3):285–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Miura:2006:IRD**
- Kazuyuki Miura, Hiroki Haga, and Takao Nishizeki. Inner rectangular drawings of plane graphs. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(2–3):249–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.
- Muller-Hannemann:2007:HAO**
- Matthias Müller-Hannemann and Anna Schulze. Hardness and approximation of octilinear Steiner trees. *International Journal of Computa-*

- tional Geometry and Applications (IJCGA)*, 17(3):231–260, June 2007. CODEN IJCAEV. ISSN 0218-1959.
- Muller-Hannemann:2000:QRC**
- [MHW00] M. Müller-Hannemann and K. Weihe. Quadrangular refinements of convex polygons with an application to finite-element meshes. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(1):1–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Mitchell:1997:FCT**
- [Mit97] Scott A. Mitchell. Finding a covering triangulation whose maximum angle is provably small. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(1–2):5–??, February–April 1997. CODEN IJCAEV. ISSN 0218-1959.
- Mitchell:2000:HFI**
- [Mit00] S. A. Mitchell. High fidelity interval assignment. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(4):399–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Mitchell:2004:EF**
- [Mit04] Joseph S. B. Mitchell. Editor’s foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(4–5):231–??, October 2004. CODEN IJCAEV. ISSN 0218-1959.
- Myers:2012:PSD**
- Yonatan Myers and Leo Joskowicz. Point set distance and orthogonal range problems with dependent geometric uncertainties. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(6):517–??, December 2012. CODEN IJCAEV. ISSN 0218-1959.
- Murphy:2001:PPS**
- Michael Murphy, David M. Mount, and Carl W. Gable. A point-placement strategy for conforming Delaunay tetrahedralization. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(6):669–??, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Memarsadeghi:2007:FII**
- Nargess Memarsadeghi, David M. Mount, Nathan S. Netanyahu, and Jacqueline Le Moigne. A fast implementation of the ISODATA clustering algorithm. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(1):71–103, February 2007. CODEN IJCAEV. ISSN 0218-1959.
- Mehlhorn:2001:FSA**
- Kurt Mehlhorn, Stefan Meiser, and Ronald Rasch. Furthest site abstract Voronoi diagrams. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(6):583–??,

2001. CODEN IJCAEV. ISSN 0218-1959.
- Mitchell:1997:QSR**
- [MMS97] Joseph S. B. Mitchell, David M. Mount, and Subhash Suri. Query-sensitive ray shooting. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(4):317–??, August 1997. CODEN IJCAEV. ISSN 0218-1959.
- Mitra:2004:ESN**
- [MNG04] Niloy J. Mitra, An Nguyen, and Leonidas Guibas. Estimating surface normals in noisy point cloud data. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(4–5):261–??, October 2004. CODEN IJCAEV. ISSN 0218-1959.
- Mount:2000:QAR**
- [MNP⁺00] D. M. Mount, N. S. Netanyahu, C. D. Piatko, R. Silverman, and A. Y. Wu. Quantile approximation for robust statistical estimation and k -enclosing problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(6):593–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Mitchell:2001:CGC**
- [MO01] Joseph S. B. Mitchell and Joseph O'Rourke. Computational geometry column 42. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(5):573–582,
2001. CODEN IJCAEV. ISSN 0218-1959.
- Miller:2005:WWD**
- [MPW05] Gary L. Miller, Steven E. Pav, and Noel J. Walkington. When and why Delaunay refinement algorithms work. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(1):25–??, February 2005. CODEN IJCAEV. ISSN 0218-1959.
- Mukhopadhyay:2003:CLE**
- [MR03] Asish Mukhopadhyay and S. V. Rao. On computing a largest empty arbitrarily oriented rectangle. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(3):257–??, June 2003. CODEN IJCAEV. ISSN 0218-1959.
- Meijer:2005:GEF**
- [MR05] Henk Meijer and David Rappaport. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(6):545–??, December 2005. CODEN IJCAEV. ISSN 0218-1959.
- Mustafa:2015:CCP**
- [MRM15] Nabil H. Mustafa, Saurabh Ray, and Nabil H. Mustafa. k -centerpoints conjectures for pointsets in \mathbf{R}^d . *International Journal of Computational Geometry and Applications (IJCGA)*, 25(3):??, September 2015. CODEN IJCAEV. ISSN 0218-1959.

- | | |
|--|--|
| <p>Martini:1999:MNP</p> <p>[MS99] H. Martini and V. Soltan. Minimum number of pieces in a convex partition of a polygonal domain. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 9(6):599–??, 1999. CODEN IJCAEV. ISSN 0218-1959.</p> <p>Mehlhorn:2003:IFT</p> <p>[MS03] Kurt Mehlhorn and Michael Seel. Infimaximal frames: a technique for making lines look like segments. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 13(3):241–??, June 2003. CODEN IJCAEV. ISSN 0218-1959.</p> <p>Michelucci:2006:ICC</p> <p>[MS06] Dominique Michelucci and Pascal Schreck. Incidence constraints: a combinatorial approach. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 16(5–6):443–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.</p> <p>Milenkovic:2007:AAA</p> <p>[MS07a] Victor Milenkovic and Elisha Sacks. An approximate arrangement algorithm for semi-algebraic curves. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 17(2):175–198, April 2007. CODEN IJCAEV. ISSN 0218-1959.</p> | <p>Milenkovic:2007:MCM</p> <p>[MS07b] Victor Milenkovic and Elisha Sacks. A monotonic convolution for Minkowski sums. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 17(4):383–396, August 2007. CODEN IJCAEV. ISSN 0218-1959.</p> <p>Milenkovic:2010:TAM</p> <p>[MS10] Victor Milenkovic and Elisha Sacks. Two approximate Minkowski sum algorithms. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 20(4):485–509, August 2010. CODEN IJCAEV. ISSN 0218-1959.</p> <p>Mulzer:2014:ATT</p> <p>[MS14] Wolfgang Mulzer and Yannik Stein. Algorithms for tolerant Tverberg partitions. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 24(4):261–??, December 2014. CODEN IJCAEV. ISSN 0218-1959.</p> <p>Milenkovic:2013:PSM</p> <p>[MST13] Victor Milenkovic, Elisha Sacks, and Steven Trac. Planar shape manipulation using approximate geometric primitives. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 23(1):1–??, February 2013. CODEN IJCAEV. ISSN 0218-1959.</p> <p>Miller:1999:DGG</p> <p>[MTT99] G. L. Miller, D. Talmor, and S.-H. Teng. Data generation</p> |
|--|--|

- for geometric algorithms on non-uniform distributions. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(6):577–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Mucke:1998:RIT**
- [Müc98] Ernst P. Mücke. A robust implementation for three-dimensional Delaunay triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(2):255–??, April 1998. CODEN IJCAEV. ISSN 0218-1959.
- Moet:2007:RIT**
- [MVV07] Esther Moet, Marc Van Kreveld, and René Van Oostrum. Region intervisibility in terrains. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(4):331–347, August 2007. CODEN IJCAEV. ISSN 0218-1959.
- Narasimhan:1999:HTS**
- [Nar99] G. Narasimhan. On Hamiltonian triangulations in simple polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(3):261–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Nekrich:2013:EMO**
- [Nek13] Yakov Nekrich. External memory orthogonal range reporting with fast updates. *International Journal of Computational Geometry and Applications (IJCGA)*, 23(2):141–??, April 2013. CODEN IJCAEV. ISSN 0218-1959.
- Nguyen:2012:EGR**
- Viet-Hang Nguyen. 1-extensions and global rigidity of generic direction-length frameworks. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(6):577–??, December 2012. CODEN IJCAEV. ISSN 0218-1959.
- Nielsen:2009:ASE**
- Frank Nielsen and Richard Nock. Approximating smallest enclosing balls with applications to machine learning. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(5):389–414, October 2009. CODEN IJCAEV. ISSN 0218-1959.
- Nishida:2009:BSV**
- Tetsushi Nishida and Kokichi Sugihara. Boat-sail Voronoi diagram and its application. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(5):425–440, October 2009. CODEN IJCAEV. ISSN 0218-1959.
- Nielsen:1998:OSC**
- Franck Nielsen and Mariette Yvinec. An output-sensitive convex hull algorithm for planar objects. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(1):39–??, February 1998. CODEN IJCAEV. ISSN 0218-1959.
- NY98**

- DEN IJCAEV. ISSN 0218-1959.
- Nowakowski:2006:BOT**
- [NZ06] Richard J. Nowakowski and Norbert Zeh. Boundary-optimal triangulation flooding. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(2–3):271–??, June 2006. CODEN IJCAEV. ISSN 0218-1959.
- Obermeyer:2011:CAR**
- [OGB11] Karl J. Obermeyer, Anurag Ganguli, and Francesco Bullo. A complete algorithm for searchlight scheduling. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(1):101–130, February 2011. CODEN IJCAEV. ISSN 0218-1959.
- Owen:2010:FSR**
- [OP10] J. C. Owen and S. C. Power. Frameworks symmetry and rigidity. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(6):723–750, December 2010. CODEN IJCAEV. ISSN 0218-1959.
- ORourke:1997:CGCb**
- [O'R97b] Joseph O'Rourke. Computational geometry column 31. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(4):379–??, August 1997. CODEN IJCAEV. ISSN 0218-1959.
- ORourke:1997:CGCc**
- [O'R97c] Joseph O'Rourke. Computational geometry column 32. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(5):509–??, October 1997. CODEN IJCAEV. ISSN 0218-1959.
- ORourke:1998:CGC**
- [O'R98] Joseph O'Rourke. Computational geometry column 33. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(3):381–??, June 1998. CODEN IJCAEV. ISSN 0218-1959.
- ORourke:1999:CGCb**
- [O'R99a] J. O'Rourke. Computational geometry column 36. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(6):615–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- ORourke:1999:CGCa**
- [O'R99b] Joseph O'Rourke. Computational geometry column 35. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(4–5):513–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

- | | |
|---|--|
| <p>O'Rourke:2000:CGCa</p> <p>[O'R00a] J. O'Rourke. Computational geometry column 38. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 10(2):221–??, 2000. CODEN IJCAEV. ISSN 0218-1959.</p> <p>O'Rourke:2000:CGCb</p> <p>[O'R00b] J. O'Rourke. Computational geometry column 39. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 10(4):441–??, 2000. CODEN IJCAEV. ISSN 0218-1959.</p> <p>O'Rourke:2000:CGCc</p> <p>[O'R00c] J. O'Rourke. Computational geometry column 40. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 10(6):649–??, 2000. CODEN IJCAEV. ISSN 0218-1959.</p> <p>O'Rourke:2001:CGC</p> <p>[O'R01] Joseph O'Rourke. Computational geometry column 41. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 11(2):239–242, 2001. CODEN IJCAEV. ISSN 0218-1959.</p> <p>O'Rourke:2002:CGC</p> <p>[O'R02] Joseph O'Rourke. Computational geometry column 43. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 12(3):263–??, 2002. CODEN IJCAEV. ISSN 0218-1959.</p> | <p>O'Rourke:2003:CGC</p> <p>[O'R03] Joseph O'Rourke. Computational geometry column 44. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 13(3):273–??, June 2003. CODEN IJCAEV. ISSN 0218-1959.</p> <p>O'Rourke:2004:CGCa</p> <p>[O'R04a] Joseph O'Rourke. Computational geometry column 45. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 14(3):227–??, June 2004. CODEN IJCAEV. ISSN 0218-1959.</p> <p>O'Rourke:2004:CGCb</p> <p>[O'R04b] Joseph O'Rourke. Computational geometry column 46. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 14(6):475–??, December 2004. CODEN IJCAEV. ISSN 0218-1959.</p> <p>O'Rourke:2006:CGC</p> <p>[O'R06] Joseph O'Rourke. Computational geometry column 47. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 16(4):373–??, August 2006. CODEN IJCAEV. ISSN 0218-1959.</p> <p>O'Rourke:2007:CGC</p> <p>[O'R07] Joseph O'Rourke. Computational geometry column 48. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 17(4):397–399, August 2007. CODEN IJCAEV. ISSN 0218-1959.</p> |
|---|--|

- | | |
|--|---|
| <div style="border: 1px solid black; padding: 5px; text-align: center;">ODunlaing:2000:HCE</div> <p>[ÓWW00] C. Ó Dúnlaithe, C. Watt, and D. Wilkins. Homeomorphism of 2-complexes is equivalent to graph isomorphism. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 10(5):453–??, 2000. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Papadopoulou:1999:PNC</div> <p>[Pap99] E. Papadopoulou. k-pairs non-crossing shortest paths in a simple polygon. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 9(6):533–??, 1999. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Papadopoulou:2013:FLS</div> <p>[PD13] Evangelia Papadopoulou and Sandeep Kumar Dey. On the farthest line-segment Voronoi diagram. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 23(6):443–??, December 2013. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Petitjean:1998:CGA</div> <p>[Pet98] Sylvain Petitjean. A computational geometric approach to visual hulls. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 8(4):407–??, August 1998. CODEN IJCAEV. ISSN 0218-1959.</p> | <div style="border: 1px solid black; padding: 5px; text-align: center;">PL01</div> <p>[PL01] [PL04]</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Papadopoulou:2001:VDS</div> <p>Evantha Papadopoulou and D. T. Lee. The L_∞ Voronoi diagram of segments and VLSI applications. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 11(5):503–528, 2001. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Papadopoulou:2004:HVD</div> <p>Evanthia Papadopoulou and D. T. Lee. The Hausdorff Voronoi diagram of polygonal objects: a divide and conquer approach. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 14(6):421–??, December 2004. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">PLC02</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">Park:2002:SRT</div> <p>Sang-Min Park, Jae-Ha Lee, and Kyung-Yong Chwa. Searching a room by two guards. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 12(4):339–??, August 2002. CODEN IJCAEV. ISSN 0218-1959.</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Poon:2009:ULP</div> <p>Sheung-Hung Poon. On unfolding lattice polygons/trees and diameter-4 trees. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 19(3):289–321, June 2009. CODEN IJCAEV. ISSN 0218-1959.</p> |
|--|---|

- Porschen:2009:RCP**
- [Por09] Stefan Porschen. On rectangular covering problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(4):325–340, August 2009. CODEN IJCAEV. ISSN 0218-1959.
- Pajarola:2001:VGC**
- [PW01] Renato Pajarola and Peter Widmayer. Virtual geoexploration: Concepts and design choices. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(1):1–14, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Papadopoulou:2015:HVD**
- [PX15] Evangelia Papadopoulou and Jinhui Xu. The L_∞ Hausdorff Voronoi diagram revisited. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(2):??, June 2015. CODEN IJCAEV. ISSN 0218-1959.
- Rababah:2005:DRT**
- [Rab05] Abedallah Rababah. L_2 degree reduction of triangular Bézier surfaces with common tangent planes at vertices. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(5):477–??, October 2005. CODEN IJCAEV. ISSN 0218-1959.
- Reshetov:2014:UPF**
- [Res14] Alexander Reshetov. A unstable polyhedron with 14 faces. *International Journal of Computational Geometry and Applications (IJCGA)*, 24(1):39–??, March 2014. CODEN IJCAEV. ISSN 0218-1959.
- Rokne:2009:GEF**
- [Rok09] Jon Rokne. Guest Editor’s foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(4):323–324, August 2009. CODEN IJCAEV. ISSN 0218-1959.
- Roy:2016:PVG**
- [Roy16] Bodhayan Roy. Point visibility graph recognition is NP-hard. *International Journal of Computational Geometry and Applications (IJCGA)*, 26(1):1–??, March 2016. CODEN IJCAEV. ISSN 0218-1959.
- Ratschek:2000:EOC**
- [RR00] H. Ratschek and J. Rokne. Exact and optimal convex hulls in 2D. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(2):109–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Richards:1999:MST**
- [RS99] D. Richards and J. S. Salowe. Mixed spanning trees in theory and practice. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(3):277–??, 1999. CODEN IJCAEV. ISSN 0218-1959.

- Rahi:2007:MCS**
- [RS07] Sahand Jamal Rahi and Kim Sharp. Mapping complicated surfaces onto a sphere. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(4):305–329, August 2007. CODEN IJCAEV. ISSN 0218-1959.
- Reif:2011:AOK**
- [RS11] John Reif and Sam Slee. Asymptotically optimal kinodynamic motion planning for a class of modular self-reconfigurable robots. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(2):131–155, April 2011. CODEN IJCAEV. ISSN 0218-1959.
- Ramaswami:2005:CQM**
- [RSS⁺05] Suneeta Ramaswami, Marcelo Siqueira, Tessa Sundaram, Jean Gallier, and James Gee. Constrained quadrilateral meshes of bounded size. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(1):55–??, February 2005. CODEN IJCAEV. ISSN 0218-1959.
- Rand:2011:DRA**
- [RW11] Alexander Rand and Noel Walkington. Delaunay refinement algorithms for estimating local feature size in 2D and 3D. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(5):507–543, October 2011. CODEN IJCAEV. ISSN 0218-1959.
- Sangwin:2009:DBM**
- C. J. Sangwin. Deceiving the V-block method for assessment of departure from roundness. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(6):521–532, December 2009. CODEN IJCAEV. ISSN 0218-1959.
- Sheffer:2000:VTO**
- A. Sheffer, M. Bercovier, T. Blacker, and J. Clements. Virtual topology operators for meshing. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(3):309–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Schneiders:2000:OBH**
- R. Schneiders. Octree-based hexahedral mesh generation. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(4):383–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Scheffer:2016:MFC**
- Christian Scheffer. More flexible curve matching via the partial Fréchet similarity. *International Journal of Computational Geometry and Applications (IJCGA)*, 26(1):33–??, March 2016. CODEN IJCAEV. ISSN 0218-1959.
- Segal:1999:PSA**
- M. Segal. On piercing sets of axis-parallel rectangles and

- rings. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(3):219–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Sud:2007:HPM**
- [SFM07] Avneesh Sud, Mark Foskey, and Dinesh Manocha. Homotopy-preserving medial axis simplification. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(5):423–451, October 2007. CODEN IJCAEV. ISSN 0218-1959.
- Shapiro:1997:EMG**
- [Sha97a] Vadim Shapiro. Errata: “Maintenance of Geometric Representations Through Space Decompositions”. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(4):383–??, August 1997. CODEN IJCAEV. ISSN 0218-1959. See [Sha97b].
- Shapiro:1997:MGR**
- [Sha97b] Vadim Shapiro. Maintenance of geometric representations through space decompositions. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(1–2):21–??, February–April 1997. CODEN IJCAEV. ISSN 0218-1959. See erratum [Sha97a].
- Shapiro:1999:WFS**
- [Sha99] V. Shapiro. Well-formed set representations of solids. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(2):125–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Shapiro:2001:CDT**
- Vadim Shapiro. A convex deficiency tree algorithm for curved polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(2):215–238, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Sugihara:1994:RTO**
- Kokichi Sugihara and Masao Iri. A robust topology-oriented incremental algorithm for Voronoi diagrams. *International Journal of Computational Geometry and Applications (IJCGA)*, 4(2):179–228, June 1994. CODEN IJCAEV. ISSN 0218-1959.
- Sitharam:2006:WFS**
- Meera Sitharam. Well-formed systems of point incidences for resolving collections of rigid bodies. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):591–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.
- Smid:1999:WRS**
- M. Smid and R. Janardan. On the width and roundness of a set of points in the plane. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(1):97–??,

1999. CODEN IJCAEV. ISSN 0218-1959.
- Sugihara:2008:GEF**
- [SK08] Kokichi Sugihara and Deok-Soo Kim. Guest Editors' foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(4):273–274, August 2008. CODEN IJCAEV. ISSN 0218-1959.
- Srinivasaraghavan:2000:OEV**
- [SM00] G. Srinivasaraghavan and A. Mukhopadhyay. Orthogonal edge visibility graphs of polygons with holes. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(1):79–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Schreck:2006:GCS**
- [SM06] Pascal Schreck and Pascal Mathis. Geometrical constraint system decomposition: a multi-group approach. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):431–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.
- SerrE:2006:NCM**
- [SOR06] Philippe Serré, Auxkin Ortuzar, and Alain Rivière. Non-Cartesian modelling for analysis of the consistency of a geometric specification for conceptual design. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):549–??, December 2006.
- [SPP08] Giorgio Scorzelli, Alberto Paoluzzi, and Valerio Pasucci. Parallel solid modeling using BSP dataflow. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(5):441–467, October 2008. CODEN IJCAEV. ISSN 0218-1959.
- Scorzelli:2008:PSM**
- [SSPK08] Hayong Shin, Seyoun Park, Eonjin Park, and Deok-Soo Kim. Voronoi diagram of a polygon in chessboard metric and maskless lithographic applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 18(4):357–371, August 2008. CODEN IJCAEV. ISSN 0218-1959.
- Shin:2008:VDP**
- [SS11] Ludmila Scharf and Marc Scherfenberg. Inducing polygons of line arrangements. *International Journal of Computational Geometry and Applications (IJCGA)*, 21(3):351–368, June 2011. CODEN IJCAEV. ISSN 0218-1959.
- Scharf:2011:IPL**
- [STÜ07] Daniel A. Spielman, Shang-Hua Teng, and Alper Üngör. Parallel Delaunay refinement: Algorithms and analyses. *International Journal of Computational Geometry and Appli-*
- Spielman:2007:PDR**

- [STYK01] Ichiro Suzuki, Yuichi Tazoe, Masafumi Yamashita, and T. Kameda. Searching a polygonal region from the boundary. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(5):529–553, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Suzuki:2001:SPR**
- [Sug92] K. Sugihara. Voronoi diagrams in a river. *International Journal of Computational Geometry and Applications (IJCGA)*, 2(1):29–48, 1992. CODEN IJCAEV. ISSN 0218-1959.
- Sugihara:1992:VDR**
- [Sud04] Matthew Suderman. Pathwidth and layered drawings of trees. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(3):203–??, June 2004. CODEN IJCAEV. ISSN 0218-1959.
- Suderman:2004:PLD**
- [Sug03] Kokichi Sugihara. Guest Editor’s foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(4):277–??, August 2003. CODEN IJCAEV. ISSN 0218-1959.
- Sugihara:2003:GEF**
- [SV01] J. Rafael Sendra and Carlos Villarino. Optimal reparametrization of polynomial algebraic curves. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(4):439–453, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Sendra:2001:ORP**
- [SV10] J. Rafael Sendra and Carlos Villarino. Flooding countries and destroying dams. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(3):361–380, June 2010. CODEN IJCAEV. ISSN 0218-1959.
- Silveira:2010:FCD**
- [SVY16] M. I. Schlesinger, E. V. Vodolazskiy, and V. M. Yakovenko. Fréchet similarity of closed
- Silveira:2010:FCD**
- [Spe15] Bettina Speckmann and Kevin Verbeek. Algorithms for necklace maps. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(1):15–??, March 2015. CODEN IJCAEV. ISSN 0218-1959.
- Speckmann:2015:ANM**
- [Sch16] M. I. Schlesinger, E. V. Vodolazskiy, and V. M. Yakovenko. Fréchet similarity of closed
- Schlesinger:2016:FSC**

- [SW01] Tycho Strijk and Alexander Wolff. Labeling points with circles. *International Journal of Computational Geometry and Applications (IJCGA)*, 26(1):53–??, March 2016. CODEN IJCAEV. ISSN 0218-1959.
- Strijk:2001:LPC**
- [SYI00] K. Shimada, A. Yamada, and T. Itoh. Anisotropic triangulation of parametric surfaces via close packing of ellipsoids. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(4):417–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Shimada:2000:ATP**
- [SZP10] Meera Sitharam, Yong Zhou, and Jörg Peters. Reconciling conflicting combinatorial preprocessors for geometric constraint systems. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(6):631–651, December 2010. CODEN IJCAEV. ISSN 0218-1959.
- Sitharam:2010:RCC**
- [Tam03] Roberto Tamassia. Guest Editor’s foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 13(1):3–??, February 2003. CODEN IJCAEV. ISSN 0218-1959.
- Tamassia:2003:GEF**
- [Ten00] S.-H. Teng. Guest Editor’s foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(3):225–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Teng:2000:GEF**
- [Tan99] X. H. Tan. Edge guards in straight walkable polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 9(1):63–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Tan:1999:EGS**
- [Tan02] Xuehou Tan. Finding an optimal bridge between two polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(3):249–??, 2002. CODEN IJCAEV. ISSN 0218-1959.
- Tan:2002:FOB**
- [THI99] X. Tan, T. Hirata, and Y. Inagaki. Corrigendum to “An Incremental Algorithm for Constructing Shortest Watchman Routes”. *International Journal of Computational Geometry and Applications (IJCGA)*,
- Tan:1999:CSI**

- 9(3):319–??, 1999. CODEN IJCAEV. ISSN 0218-1959.
- Tseng:1998:TGW**
- [THL98] L. H. Tseng, P. Heffernan, and D. T. Lee. Two-guard walkability of simple polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(1):85–??, February 1998. CODEN IJCAEV. ISSN 0218-1959.
- Teng:1995:PAV**
- [TMPD95] Y. A. Teng, D. Mount, E. Puppo, and L. S. Davis. Parallelizing an algorithm for visibility on polyhedral terrain. *International Journal of Computational Geometry and Applications (IJCGA)*, ??(??):??, 1995. CODEN IJCAEV. ISSN 0218-1959.
- Teng:1997:PAV**
- [TMPD97] Y. Ansel Teng, David Mount, Enrico Puppo, and Larry S. Davis. Parallelizing an algorithm for visibility on polyhedral terrain. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(1–2):75–??, February–April 1997. CODEN IJCAEV. ISSN 0218-1959.
- Tokuyama:2002:GEF**
- [Tok02] Takeshi Tokuyama. Guest Editor’s foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(4):267–??, August 2002. CODEN IJCAEV. ISSN 0218-1959.
- [Tok10] [Tou05] [TSN97] [TV01] [TW00]
- Takayama:2010:F**
- Takeshi Tokuyama. Foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(1):1–2, February 2010. CODEN IJCAEV. ISSN 0218-1959.
- Toussaint:2005:GPG**
- Godfried Toussaint. Geometric proximity graphs for improving nearest neighbor methods in instance-based learning and data mining. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(2):101–??, April 2005. CODEN IJCAEV. ISSN 0218-1959.
- Takahashi:1997:SNC**
- Jun-Ya Takahashi, Hitoshi Suzuki, and Takao Nishizeki. Shortest non-crossing rectilinear paths in plane regions. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(5):419–??, October 1997. CODEN IJCAEV. ISSN 0218-1959.
- Tamassia:2001:CSA**
- Roberto Tamassia and Luca Vismara. A case study in algorithm engineering for geometric computing. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(1):15–70, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Teng:2000:UMG**
- S.-H. Teng and C. W. Wong. Unstructured mesh generation:

- Theory, practice, and perspectives. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(3):227–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Trombettoni:2006:GFA**
- [TW06] Gilles Trombettoni and Marta Wilczkowiak. GPDOF — a fast algorithm to decompose under-constrained geometric constraint systems: Application to 3D modeling. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):479–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.
- Tang:2006:MAC**
- [TWC06] Kai Tang, Charlie C. L. Wang, and Danny Z. Chen. Minimum area convex packing of two convex polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(1):41–??, February 2006. CODEN IJCAEV. ISSN 0218-1959.
- Unnikrishnan:2010:SSG**
- [ULVH10] Ranjith Unnikrishnan, Jean-François Lalonde, Nicolas Vandapel, and Martial Hebert. Scale selection for geometric fitting in noisy point clouds. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(5):543–575, October 2010. CODEN IJCAEV. ISSN 0218-1959.
- [Van91] G. Vaněček, Jr. Brep-index: a multidimensional space partitioning tree (revised). *International Journal of Computational Geometry and Applications (IJCGA)*, 1(3):243–262, September 1991. CODEN IJCAEV. ISSN 0218-1959.
- Vanecek:1991:BIM**
- [VB05] Hilderick A. Van Der Meiden and Willem F. Bronsvoort. An efficient method to determine the intended solution for a system of geometric constraints. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(3):279–??, June 2005. CODEN IJCAEV. ISSN 0218-1959.
- VanDerMeiden:2005:EMD**
- [Vig12] Giovanni Viglietta. Searching polyhedra by rotating half-planes. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(3):243–??, June 2012. CODEN IJCAEV. ISSN 0218-1959.
- Viglietta:2012:SPR**
- [VO98] Jules Vleugels and Mark Overmars. Approximating Voronoi diagrams of convex sites in any dimension. *International Journal of Computational Geometry and Applications (IJCGA)*, 8(2):201–??, April 1998. CODEN IJCAEV. ISSN 0218-1959.
- Vleugels:1998:AVD**

- | | VanKreveld:2004:GNP | | Wu:2004:EAA |
|--|-----------------------------|---|-----------------------------|
| <p>[VR04] Marc Van Kreveld and Iris Reinbacher. Good news: Partitioning a simple polygon by compass directions. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 14(4–5):233–??, October 2004. CODEN IJCAEV. ISSN 0218-1959.</p> | <p>Wang:2009:RBT</p> | <p>[WCMS04] Xiaodong Wu, Danny Z. Chen, James J. Mason, and Steven R. Schmid. Efficient approximation algorithms for pairwise data clustering and applications. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 14(1–2):85–??, April 2004. CODEN IJCAEV. ISSN 0218-1959.</p> | <p>Wu:2009:EAOb</p> |
| <p>[Wan09] Yusu Wang. Relations between two common types of rectangular tilings. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 19(2):161–172, April 2009. CODEN IJCAEV. ISSN 0218-1959.</p> | <p>Wang:2015:AMT</p> | <p>[WDBB09] Xiaodong Wu, Xin Dou, John E. Bayouth, and John M. Buatti. Efficient algorithm for optimal matrix orthogonal decomposition problem in intensity-modulated radiation therapy. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 19(3):231–246, June 2009. CODEN IJCAEV. ISSN 0218-1959.</p> | <p>Weng:2002:GMC</p> |
| <p>[Wan15] Haitao Wang. Aggregate-MAX top-k nearest neighbor searching in the L_1 plane. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 25(1):57–??, March 2015. CODEN IJCAEV. ISSN 0218-1959.</p> | <p>Wu:2007:LNS</p> | <p>[Wen02] Jia F. Weng. Generalized Melzak’s construction in the Steiner tree problem. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 12(6):481–??, 2002. CODEN IJCAEV. ISSN 0218-1959.</p> | <p>Wein:2005:CPV</p> |
| <p>[WCLS07] Xiaodong Wu, Danny Z. Chen, Kang Li, and Milan Sonka. The layered net surface problems in discrete geometry and medical image segmentation. <i>International Journal of Computational Geometry and Applications (IJCGA)</i>, 17(3):261–296, June 2007. CODEN IJCAEV. ISSN 0218-1959.</p> | <p>WIEH05</p> | <p>Ron Wein, Oleg Ilushin, Gershon Elber, and Dan Halperin. Continuous path verification in multi-axis NC-machining. <i>International Journal of Computational Geometry and Appli-</i></p> | |

- cations (IJCGA)*, 15(4):351–??, August 2005. CODEN IJCAEV. ISSN 0218-1959.
- Willerton:2015:SMS**
- [Wil15] Simon Willerton. Spread: A measure of the size of metric spaces. *International Journal of Computational Geometry and Applications (IJCGA)*, 25(3):??, September 2015. CODEN IJCAEV. ISSN 0218-1959.
- Wismath:2000:PLS**
- [Wis00] S. K. Wismath. Point and line segment reconstruction from visibility information. *International Journal of Computational Geometry and Applications (IJCGA)*, 10(2):189–??, 2000. CODEN IJCAEV. ISSN 0218-1959.
- Wang:1997:RQP**
- [WJG97] Wenping Wang, Barry Joe, and Ronald Goldman. Rational quadratic parameterizations of quadrics. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(6):599–??, December 1997. CODEN IJCAEV. ISSN 0218-1959.
- Worman:2007:PDO**
- [WK07] Chris Worman and J. Mark Keil. Polygon decomposition and the orthogonal art gallery problem. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(2):105–138, April 2007. CODEN IJCAEV. ISSN 0218-1959.
- [WKG10] [WLW01]
- DEN IJCAEV. ISSN 0218-1959.
- Wang:2010:GWR**
- Pengpeng Wang, Ramesh Krishnamurti, and Kamal Gupta. Generalized watchman route problem with discrete view cost. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(2):119–146, April 2010. CODEN IJCAEV. ISSN 0218-1959.
- Wang:2001:CAM**
- Jiaye Wang, Ding Yuan Liu, and Wenping Wang. Computing an almost minimum set of spanning line segments of a polyhedron. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(5):475–485, 2001. CODEN IJCAEV. ISSN 0218-1959.
- Wulff-Nilsen:2012:CSF**
- [WNGK⁺12] Christian Wulff-Nilsen, Ansgar Grüne, Rolf Klein, Elmar Langetepe, D. T. Lee, Tien-Ching Lin, Sheung-Hung Poon, and Teng-Kai Yu. Computing the stretch factor and maximum detour of paths, trees, and cycles in the normed space. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(1):45–??, February 2012. CODEN IJCAEV. ISSN 0218-1959.
- Wang:2005:ENU**
- Huawei Wang, Kaihuai Qin, and Hanqiu Sun. Evaluation
- [WQS05]

- of non-uniform Doo–Sabin surfaces. *International Journal of Computational Geometry and Applications (IJCGA)*, 15(3):299–??, June 2005. CODEN IJCAEV. ISSN 0218-1959.
- Williams:2007:TMS**
- [WR07] Jason Williams and Jarek Rossignac. Tightening: Morphological simplification. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(5):487–503, October 2007. CODEN IJCAEV. ISSN 0218-1959.
- Wolff:2002:SFA**
- [WTX02] Alexander Wolff, Michael Thon, and Yinfeng Xu. A simple factor- $\frac{2}{3}$ approximation algorithm for two-circle point labeling. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(4):269–??, 2002. CODEN IJCAEV. ISSN 0218-1959. URL <http://www.math-inf.uni-greifswald.de/map-labeling/papers/wtx-sf23a-01.pdf>; <http://www.math-inf.uni-greifswald.de/map-labeling/papers/wtx-sf23a-01.ps>.
- Wu:2009:EAoA**
- [Wu09] Xiaodong Wu. Efficient algorithms for the optimal-ratio region detection problems in discrete geometry with applications. *International Journal of Computational Geometry and Applications (IJCGA)*, 19(2):141–159, April 2009. CODEN IJCAEV. ISSN 0218-1959.
- Xu:2004:TSP**
- [XLYB04] Jinhui Xu, Zhiyong Lin, Yang Yang, and Ronald Berezney. Traveling salesman problem of segments. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(1–2):19–??, April 2004. CODEN IJCAEV. ISSN 0218-1959.
- Xu:2006:DLB**
- [Xu06] Guoliang Xu. Discrete Laplace–Beltrami operator on sphere and optimal spherical triangulations. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(1):75–??, February 2006. CODEN IJCAEV. ISSN 0218-1959.
- Xu:2010:GSS**
- [XYZK10] Jinhui Xu, Yang Yang, Yongding Zhu, and Naoki Katoh. A geometric spanner of segments. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(1):43–67, February 2010. CODEN IJCAEV. ISSN 0218-1959.
- Yang:2006:SSC**
- [Yan06] Lu Yang. Solving spatial constraints with global distance coordinate system. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):533–??,

- Zhang:2007:GEF**
- Li Zhang. Guest Editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 17(3):199–200, June 2007. CODEN IJCAEV. ISSN 0218-1959.
- Zhu:1997:ACP**
- Binhai Zhu. Approximating convex polyhedra with axis-parallel boxes. *International Journal of Computational Geometry and Applications (IJCGA)*, 7(3):253–??, June 1997. CODEN IJCAEV. ISSN 0218-1959.
- Zhu:2004:APC**
- Binhai Zhu. Approximating 3D points with cylindrical segments. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(3):189–??, June 2004. CODEN IJCAEV. ISSN 0218-1959.
- Zhu:2004:GEF**
- Binhai Zhu. Guest editor's foreword. *International Journal of Computational Geometry and Applications (IJCGA)*, 14(1–2):1–??, April 2004. CODEN IJCAEV. ISSN 0218-1959.
- Zhu:2001:EAA**
- Binhai Zhu and C. K. Poon. Efficient approximation algorithms for two-label point labeling. *International Journal of Computational Geometry and Applications (IJCGA)*, 11(4):455–464, 2001. CODEN IJCAEV. ISSN 0218-1959.
- [Zak10] Andrzej Źak. Dissections of polygons into convex polygons. *International Journal of Computational Geometry and Applications (IJCGA)*, 20(2):223–244, April 2010. CODEN IJCAEV. ISSN 0218-1959.
- Zak:2010:DPC**
- [Zha07] [Zhu97]
- [ZE02] Afra Zomorodian and Herbert Edelsbrunner. Fast software for box intersections. *International Journal of Computational Geometry and Applications (IJCGA)*, 12(1–2):143–??, 2002. CODEN IJCAEV. ISSN 0218-1959.
- Zomorodian:2002:FSB**
- [Zhu04a] [Zhu04b]
- [Zer12] Jan B. Zernisch. A generalization of a theorem of Kleitman and Krieger. *International Journal of Computational Geometry and Applications (IJCGA)*, 22(2):167–??, April 2012. CODEN IJCAEV. ISSN 0218-1959.
- Zernisch:2012:GTK**
- [ZG06] Gui-Fang Zhang and Xiao-Shan Gao. Well-constrained completion and decomposition for under-constrained geometric constraint problems. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):461–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.
- Zhang:2006:WCC**
- [ZP01] [ZP01]

Zhang:2006:BSI

- [ZWG06] Ming Zhang, Liqun Wang, and Ronald Goldman. Bézier subdivision for inverse molecular kinematics. *International Journal of Computational Geometry and Applications (IJCGA)*, 16(5–6):513–??, December 2006. CODEN IJCAEV. ISSN 0218-1959.